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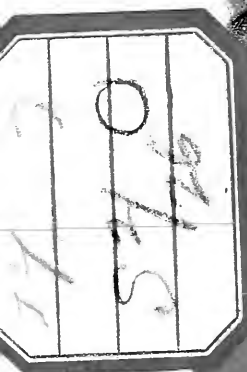
THOMPSON BROS. COMPANY,

MUSCATINE, IOWA.

SEASON OF
1914

OUR
SPECIALTIES

COW PEAS,
SEED CORN,
CLOVER,
TIMOTHY.



POULTRY
SUPPLIES
INCUBATORS,
SPRAYING MATERIAL
INSECTICIDES.

FOR THE FARM

FOR THE GARDEN

GOOD **SEEDS** PURE



32D ANNUAL SEED LIST

To Our Customers:

It is our ambition to keep in touch with our customers, and not to be undersold by other dealers. All of our seeds are grown by the best growers in this country and Europe. We have increased facilities for filling orders. We solicit **your** orders as soon as possible after receiving this catalog, so there will be no delay during the spring rush of orders.

Feb. 1st, 1914.

Respectfully

THOMPSON BROS. CO.

Store: 131 and 133 W. Second Street

Warehouse: 211-213 Chestnut St.

MUSCATINE, IOWA

SPECIAL NOTICE

Owing to a possibility of errors, or failure of seed to grow, over which we have no control, we hereby in common with all other Seedsmen, give no warranty, expressed or implied, as to description, purity or productiveness of any seed we sell. If the purchaser does not accept them on these terms, they must be returned **at once** and the amount paid for them will be refunded.

We do not pay freight on anything ordered from the wholesale list, nor do we pay freight on farm seeds, such as Timothy, Clover, Millet, etc. Buyer must pay freight when he receives the goods.

We do pay postage or express on all the other seeds as quoted, only when they are ordered by the $\frac{1}{8}$ bushel, $\frac{1}{4}$ bushel, $\frac{1}{2}$ bushel, and bushel. When bought in these quantities the buyer must pay freight.

THE BEST WAY TO REMIT MONEY

All remittances must be made with the orders, either by Post Office Money Order, Express Order, Bank Draft on New York or Chicago, Registered Letter, or any approved method.
Be sure to sign address plainly.

DON'T FORGET—Seed cannot be sent at Parcel Post Rates.

Wholesale Prices to Large Planters

NO CHARGES FOR BAGS OR BOXES

ASPARAGUS

	¼ lb.	½ lb.	lb.
Palmetto or Southern Giant.....	10	20	30
Conover's Colossal	10	20	35

BEANS

	Qt.	½ bu.	¼ bu.	bu.
Wardwell's Kidney Wax.....	25	90	1.75	6.50
Golden Wax, or Butter.....	25	90	1.75	6.50
Challenge Black Wax.....	25	90	1.75	6.50
Black Seed Wax or Butter.....	25	90	1.75	6.50
Davis White Kidney Wax.....	25	90	1.75	6.50
Keeney's Rustl's G'd Wax.....	25	90	1.75	6.50
Long Yellow Six Weeks.....	20	70	1.25	4.50
Improved Early Valentine.....	20	70	1.25	4.50
Burpee's New Bush Lima.....	25	1.10	2.00	7.00
Henderson's Bush Lima.....	25	1.10	2.00	7.00
Large White Lima-Pole.....	20	85	1.50	5.50
King of the Garden Lima.....	20	85	1.50	5.50
Old Homestead or K'y Pole.....	25	85	1.50	5.50
Lazy Wife's	25	80	1.50	5.50
Creaseback Pole	25	80	1.40	5.00
Cut Short or Confield Pole.....	20	60	1.45	5.00

BEET

	¼ lb.	½ lb.	lb.
Early Eclipse Turnip	20	35	65
Early Dark Blood Turnip	20	35	65
Early Dark Red Egyptian.....	20	35	65
Long Dark Blood	20	35	65
Long White Imperial Sugar.....			25
Golden Tankard Mangel.....			25
Long Red Mangel Wurtzel.....			25

CABBAGE

	¼ lb.	½ lb.	lb.
Copenhagen Market	80	1.25	2.50
Extra Early Jersey Wakefield.....	45	.75	1.50
Long Island Second Early.....	70	1.35	2.25
Henderson's Early Summer.....	40	.75	1.50
Henderson's Succession	40	.75	1.50
Early Charleston Wakefield	40	.75	1.50
Extra Early Winningstadt.....	40	.75	1.50
Holland, or German Export.....	50	1.00	1.75
Excelsior Late Flat Dutch.....	40	.85	1.50

CARROT

	¼ lb.	½ lb.	lb.
Early Scarlet Horn	20	35	65
New Danvers, Half Long	20	35	65
Oxheart, or Guerande	20	35	65
Improved Long Orange	20	35	65
Long White Belgian Stock	15	25	40

CAULIFLOWER

	½ oz.	oz.
Henderson's Early Snowball	65	1.00

CELERY

	¼ lb.	½ lb.	lb.
Golden Self Bleaching	1.90	3.50	6.50
White Plume40	.75	1.25
Giant White Solid35	.60	1.00

CUCUMBER

	¼ lb.	½ lb.	lb.
Early Green Cluster	15	25	50
Improved White Spine	15	25	50
Boston Pickle	18	25	50
Improved Long Green	15	25	50

SWEET CORN

	Qt.	½ bu.	¼ bu.	bu.
Ex. Early White Cory	15	50	90	3.50
Ex. Early Minnesota	15	50	90	3.50
New Country Gentleman	15	50	90	3.50
Golden Bantum	15	60	1.25	4.00
Stowell's Evergreen	15	50	85	3.25
Mammoth Late Evergreen	15	50	85	3.25

LETTUCE

	¼ lb.	½ lb.	lb.
Early Curled Simpson.....	20	30	50
Black Seed Simpson	20	30	50
Hanson Large Head	20	30	50
Buttercup	20	30	50
Grand Rapids Forcing	20	30	60
Denver Market	20	30	50
Tomhannock Bronze	20	30	50

MUSK-MELON

	¼ lb.	½ lb.	lb.
Osage	15	20	30
Early Hackensack	15	20	30
New Rocky Ford	15	25	35
Burrell's New Gem	15	25	35
Hoodoo	25	40	75
Emerald Gem	25	40	75
Defender	20	35	60

WATERMELON

	¼ lb.	½ lb.	lb.
Tom Watson	15	20	35
Ferry's New Sweetheart	15	20	35
Monte Cristo	15	20	30
Peerless, or Ice Cream	15	20	35
Gipsy, or Rattlesnake	15	20	35
Alabama Sweet	15	25	40
Florida Favorite	15	25	40
Long White Icing	20	30	50

ONION SETS—Bottom

	¼ bu.	bu.
Red	60	1.75
White	65	2.00
Yellow	55	1.75

Any of the above by mail, per quart, 20c.

ONION

	¼ lb.	½ lb.	lb.
Southport Red Globe	45	60	1.00
Large Red Wetherfield	45	60	1.00
Extra Early Flat Red	45	70	1.25
Mammoth White Silver King	50	75	1.40
Yellow Globe Danvers	30	50	.90
Flat Yellow Danvers	30	50	.90
Mam. Yellow Prize Taker	40	60	1.00
White Barletta	40	80	1.50

PEAS

	Qt.	½ bu.	¼ bu.	½ bu.	bu.
Philadelphia Extra Early..20	.80	1.50	2.90	5.50	
Early First and Best ..20	.80	1.50	2.90	5.50	
Cleveland's Early Alaska..20	.75	1.40	2.70	5.50	
Carter's Premium Gem...25	1.00	1.75	3.25	5.50	
Bliss' American Wonder...25	1.00	1.75	3.25	5.50	
Pride of the Market ..25	1.00	1.75	3.25	5.50	
Tom Thumb	25	1.00	1.75	3.25	6.00
Carter's Large Telephone..25	1.00	1.75	3.25	6.00	
Bliss Abundance	25	1.00	1.95	3.85	6.50
Large Bl'k Eye Marrowfat 15	.45	.85	1.65	3.25	

RADISH

	¼ lb.	½ lb.	lb.
Early Scarlet Turnip	15	20	35
Long Scarlet, Short Top	15	20	35
Early White Turnip	15	20	35
White Icicle	15	20	35
Charties, or Early Market	15	20	35
White Tip, Scarlet Turnip	15	20	35
Early French Breakfast	15	25	40
White Vienna, Lady Finger	15	20	35
Giant White Stuttgart	15	20	35
Long White Strasburg	15	20	35
Chinese Rose Winter	15	25	40
Black Spanish Winter	15	25	40
White Winter Russian	15	25	40

PARSNIP

	¼ lb.	½ lb.	lb.
Large Hollow Crown	10	20	30

SQUASH

	¼ lb.	½ lb.	lb.
White Bush Scallop	15	25	40
Crookneck Summer	15	25	40
Hubbard	20	35	60
Mammoth Chili	17	30	50

SPINACH

	lb.
Round Leaf Summer or Dutch	20
Bloomsdale Savoy	20

TOMATO

	¼ lb.	½ lb.	lb.
Livingston's Beauty	40	70	1.25
Large Acme	40	70	1.25
Large Trophy	40	70	1.25
Early Paragon	40	70	1.25
Livingston's Favorite	40	70	1.25
Livingston's Perfection	40	70	1.25
Earliana	40	70	1.25
New Stone	60	90	1.75

TURNIP

	¼ lb.	½ lb.	lb.
Purple Top Strap Leaf	12	17	30
Early Flat Dutch	12	17	30
Early Snow Ball—Six Weeks	12	17	30
White Egg	12	17	30
Cowhorn	12	17	30
Purple Top White Globe	12	17	30
Extra Early Milan (True)	15	25	40
Large Yellow Aberdeen	10	15	25

WE PREPAY POSTAGE OR EXPRESS

ON ALL SEEDS FOLLOWING THIS—except when when ordered by the ¼ bu., ½ bu., or bushel,

See Note on First Page.

ASPARAGUS**POSTAGE PAID****Giant or Palmetto Asparagus**

A very large, early rapid growing variety; producing even perfect roots in abundance. It is well adapted to every State. Grows soon from seed. 1 lb., 40c; ½ lb., 25c; ¼ lb., 15c; oz., 6c; pkt., 4c.

Conover's Colossal Asparagus

A very large valuable variety. Make the soil rich and stir deep. It is one of the best, large hardy varieties that we have. Sprinkle in the ground with salt in the spring and keep soil moist. 1 lb., 40c; ½ lb., 25c; ¼ lb., 15c; oz., 6c; pkt., 4c.

BEANS

When ordering Peas, Beans and Corn, we wish you would remember that we do not prepay transportation on any of them at the rate given by the bushel, ½ bushel, ¼ bushel or ⅛ bushel. We make no charge for sacks or boxes. We pay, on quart, pint, and ½ pint, except wholesale.

Keeney's Rustless Golden Wax Beans

Productive, hardy, golden, waxy, stringless, meaty, well filled pods: ½ bu., \$3.25; ¼ bu., \$1.75; ⅛ bu., 90c; qt., 40c; pt., 20c; ½ pt., 15c.

Wardwell's Kidney Wax Beans

Very hardy, robust plants, with large, kidney-shaped beans, closely filled into large, golden waxy pods. One of the finest early wax varieties for the market, shipping or the family garden.

Same price as Keeney's Rustless Golden Wax.



Extra Early German Black Seed Wax Beans

A fine bush sort, with round fleshy pods which are golden yellow and stringless. Its good quality and productiveness makes it a desirable sort for both market and family gardens.

Price same as Keeney's Rustless Golden Wax.

Davis White Kidney Wax Beans

A vigorous grower and carries the pods well up from the ground. Very productive, and pods long straight waxy-white and surely rust-proof. Fine for shipping.

Price same as Keeney's Rustless Golden Wax.

White Wax Beans

Pods are a good size, round shaped and fleshy. Grows quick, slow to harden and remains succulent and juicy a long time. Good producer.

Prices same as Keeney's Rustless Golden Wax.

Improved Round Pod Valentine Beans

Very popular with market gardeners; is an improvement on the old variety. A week earlier; plants uniform; has but few leaves. One of the best green pod varieties for both family use and market. Splendid for shipping and fine for pickling. Bu., \$4.50; ½ bu., \$2.25; ¼ bu., \$1.25; ⅓ bu., 70c. Mail, qt., 35c; pt., 18c.

Old Homestead or Kentucky Wonder Pole Beans

Is a very prolific, robust, vigorous growing sort with long, green, nearly round, stringless, succulent pods, and are crisp, tender, and hang from top to bottom in magnificent clusters. Pods are pulpy, rich, luscious and melting. Good for spring and shell. ¼ bu., \$1.50; ½ bu., 85c; qt., 40c; pt., 20c; ½ pt., 15c.

Burpee's Bush Lima Beans

This is a true large Lima, with the runners dwarfed to a bush form. It is without doubt the

most desirable Lima ever introduced. Grows only twenty inches high, branching freely; immense bearer. ½ bu., \$1.00; qt., 45c; pt., 25c; ½ pt., 15c.

Henderson's Dwarf Lima Beans

This is without doubt the very earliest of all the Lima Beans, but it is not as large as the other Limas, but it is more prolific and produces more than twice as many pods to each plant. The quality is excellent, being rich and delicious. Plants bear continuously ¼ bu., \$2.00; ½ bu., \$1.10; qt., 45c; pt., 25c; ½ pt., 15c.

King of the Garden Pole Lima Beans

The originator of this improved and valuable variety, claims greater productiveness, and a far more luxurious grower, and furnishes a more beautiful supply of enormous size, tender pods; borne in largest clusters. Very rich, green or dry. Bu., \$6.00; ½ bu., \$3.00; ¼ bu., \$1.60; ⅓ bu., 90c; qt., 40c; pt., 20c; ½ pt., 15c.

Large White Lima Pole Beans

One of the large pole varieties, and is desirable for cooking in both its green and dried state. ½ bu., \$3.00; ¼ bu., \$1.60; ⅓ bu., 90c; qt., 40c; pt., 25c; ½ pt., 15c.

White Dutch, or Case Knife Pole Beans

A splendid sort to shell while green, or for use in its dry state. Long pods. Will grow amongst corn. Qt., 35c; pt., 18c; ½ pt., 10c.

Lazy Wife's Pole Beans

This famous variety derived its name from immense yield, making it easy to get a supply. It cooks quickly and perfectly stringless if young. Nice snaps. Good dry. Qt., 35c; pt., 18c; ½ pt., 10c.

White Creaseback Pole Beans

Vigorous grower, wonderfully productive. It is very early, white variety, good to cook, either green or dry. The pods are entirely stringless; is green color, deep crease in back. Qt., 35c; pt., 20c; ½ pt., 15c.

BEETS

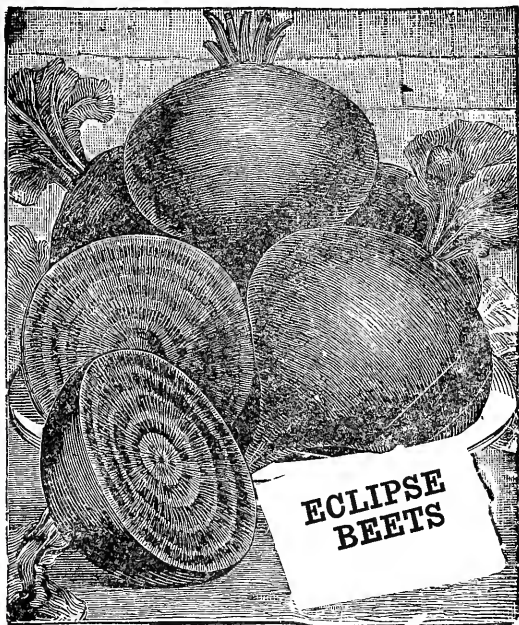
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Extra Early Dark Blood Turnip Beets

Choice strain of smooth dark Blood Beet. Beautiful color, handsome shape; only a few leaves, very small tap root without any side branches. Smoothest and largest extra early variety. Fine grain, never woody, very best of keepers. Lb., 75c; ½ lb., 40c; ¼ lb., 25c; oz., 10c; pkt., 4c.

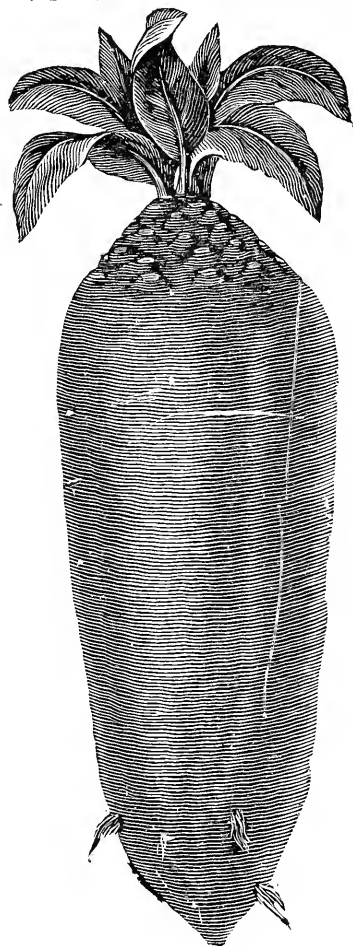
Extra Early Dark Red Egyptian Beets

The earliest of all for both market and the family garden. It is smooth, no side roots; deep red and finest quality and popular everywhere. It is tender and sweet and cooks easily and has but few leaves, and it can be grown closely. Lb., 75c; ½ lb., 40c; ¼ lb., 25c; oz., 10c; pkt., 5c.



Extra Early Eclipse Beets

Remarkable fine variety. None has risen so suddenly in the estimation of planters. Has but few roots, round shape and very smooth, bright red, with few tops. Lb., 75c; ½ lb., 40c; ¼ lb., 25c; oz., 10c; pkt., 4c.



Giant Mammoth Long Red Mangel Beets

Decidedly a monstrous size beet, and of regular shape and quality, nutritious and valuable as

a stock food; blood red color, very smooth and decidedly improved strain of Mangels. Plant from 1st of April to last of June. A good root form is essential from which to realize a good profit. Lb., 35c; ½ lb., 20c; ¼ lb., 15c; oz., 5c; pkt., 5c.

Improved Long Dark Blood Beets

By the most careful selection, this has been brought to a high standard of excellence, it being uniform in size and shape and absolutely smooth. It is very sweet, tender, a good keeper. Lb., 75c; ½ lb., 40c; ¼ lb., 25c; oz., 10c; pkt., 5c.

Golden Tankard Mangel

A distinct valuable variety of golden yellow color and is taking the lead. Exceedingly hardy, and matures early, and is adapted to shallow soils and owing to their stump shape they are easy to dig. Lb., 35c; ½ lb., 20c; ¼ lb., 15c; oz., 5c; pkt., 5c.

Imperial White Sugar Beets

A large sweet choice beet, like the Mangels. Grown extensively for feeding stock. Contains a large per cent sugar, for producing fat and fine flesh. Lb., 35c; ½ lb., 20c; ¼ lb., 15c; oz., 5c; pkt., 5c.

Klein Wanzleben Sugar Beets

Fine to feed stock. Lb., 35c; ½ lb., 20c; ¼ lb., 15c; oz., 5c; pkt., 5c.

CABBAGE

POSTAGE PAID

True Early Jersey Early Wakefield Cabbage

This is one of the most popular of the early varieties. It is large, of finest quality and superior to first early, in both family and the market garden. Very solid, few leaves; sure to head. Lb., \$1.60; ½ lb., 85c; ¼ lb., 50c; oz., 15c; pkt., 5c.

Charleston Wakefield Cabbage

This very valuable sort is only a few days later than the Jersey Wakefield, but is much larger and is called "Washington Wakefield" by many dealers. It is a standard early variety in the south and proves to be one of the best known for clay and heavy soil. Heads are seldom very pointed and are solid, and the finest in its quality. Lb., \$1.60; ½ lb., 85c; ¼ lb., 50c; oz., 15c; pkt., 5c.

Henderson's Early Summer Cabbage

A popular and valuable variety, now in greatest demand and used quite extensively to follow early and is popular with market gardeners. It is a sure header, and of a large, round, solid perfect form. Is of superior quality for family or market. Lb., \$1.35; ½ lb., 75c; ¼ lb., 40c; oz., 15c; pkt., 5c.

Extra Early Wingstadt Cabbage

See description on first page.

Copenhagen Market Cabbage

A well known, old standard, extra early variety, grown extensively by gardeners, and admirably adapted to the family garden. Quality fine. This variety is so very solid and the leaves so very close, that worms seldom penetrate them at all. Heads are close, firm, with but few leaves. Lb., \$1.60; ½ lb., 85c; ¼ lb., 50c; oz., 15c; pkt., 5c.

Long Island Second Early

Some think better than Early Summer; very popular on Muscatine Island. Lb., \$2.35; ½ lb., \$1.25; ¼ lb., 70c; oz., 20c.

Improved Surehead Cabbage

Produces a very perfect shape head, similar to Flat Dutch. Remarkably uniform in shape and very sure headers. Has but very few loose leaves and fine for shipping or home use. Lb., \$1.60; ½ lb., 85c; ¼ lb., 50c; oz., 15c; pkt., 4c.

Henderson's Succession or Mid-Summer Cabbage

One of the most perfect in existence. Can be used both as a summer and late variety by successive plantings. It is a quick growing and a sure header, and a great favorite everywhere. Lb., \$1.60; ½ lb., 85c; ¼ lb., 50c; oz., 20c; pkt., 5c.

New Holland or German Export Cabbage

A medium size, hardy sort, that endures drouth or freezing that would ruin any other variety. Remarkably good long keeper. So solid that small heads weigh as much as the largest ones of other sorts. A great favorite with market gardeners. Lb., \$1.85; ½ lb., \$1.00; ¼ lb., 50c; oz., 20c; pkt., 5c.

Premium Late Flat Dutch Cabbage

A splendid sure heading, late sort, well known to all our gardeners and farmers, splendid quality. It always sells readily wherever offered on the markets. Good keeper and a profitable variety for growers. Lb., \$1.60; ½ lb., 85c; ¼ lb., 50c; oz., 20; pkt., 5c.

Mammoth Red Rock Cabbage

The heads are as large as those of the Flat Dutch, and is a deep red color to the center. Lb., \$1.10; ½ lb., 60c; ¼ lb., 35c; oz., 15c; pkt., 3c.

CARROT

POSTAGE PAID

Early Scarlet Horn Carrot

A very fine early variety, with short stump roots. Good size and fine quality, and good yielders. Sells well in the markets and are excellent keepers. Lb., 75c; ½ lb., 40c; ¼ lb., 25c; oz., 10c.

Danver's Half Long Carrot

The standard and most popular for market and family use. The surface is smooth and of a

dark orange color. Is a great cropper and very sweet and tender. Rich flavor, delicious. Lb., 75c; ½ lb., 40c; ¼ lb., 25c; oz., 10c; pkt., 4c.

Oxheart or Guerande Carrot

It insures an immense yield on account of broad heavy shape. The table quality is fine, and they sell well in the city markets. Owing to its short or stump root shape it is easily pulled. Very smooth and most elegant shape. A fine variety for shallow soils. Will become a standard sort. Lb., 75c; ½ lb., 40c; ¼ lb., 25c; oz., 10c; pkt., 5c.

Long Orange Carrot

A very large orange yellow sort. It is very productive and keeps remarkably well. Lb., 75c; ½ lb., 40c; ¼ lb., 25c; oz., 10c; pkt., 5c.

Long White Belgian Carrot (Stock)

Large, long, white, productive sort. Is grown largely to feed stock. Cut and feed with meal or grain. Yields an immense crop. Lb., 45c; ½ lb., 25c; ¼ lb., 15c; oz., 10c; pkt., 5c.

CAULIFLOWER

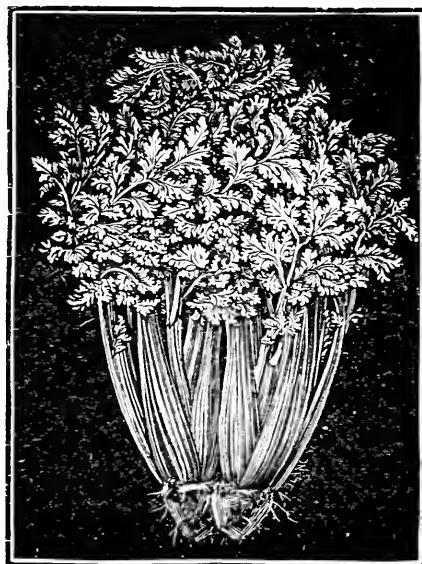
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Henderson's Extra Early Snowball Cauliflower

None can be earlier, and the quality is excellent, being very tender and delicious when cooked. Fair size and a sure header. The curd is of snowy whiteness. The plants can be grown close together as the leaves set close to the head. ½ lb., \$7.00; ¼ lb., \$4.25; oz., \$1.00; ½ oz., 60c; pkt., 10c.

CELERY

POSTAGE PAID.

**Giant White Solid Celery**

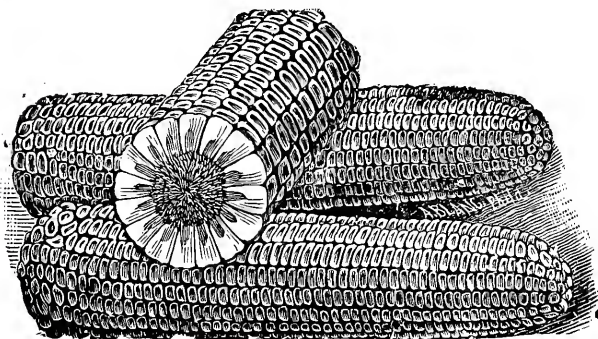
An improved strain of white solid, very crisp, tender, delicate, rich flavor, and is very compact growing, and is a good seller in any market. Lb., \$1.35; ½ lb., 75c; ¼ lb., 45c; oz., 10c; pkt., 5c.

White Plume Celery

Not a variety could gain in favor more rapid than this. Called a self blanching variety. Tie it up with matting and draw the soil well to plant. Lb., \$1.35; ½ lb., 75c; ¼ lb., 40c; oz., 12c; pkt., 5c.

Golden Self-Blanching Celery

A very distinct valuable variety. It has large straight vigorous stalks, and does not require but little banking up to blanch. Golden waxy tinted inside and it is now very popular everywhere. Lb., \$6.50; ½ lb., \$3.50; ¼ lb., \$1.90; oz., 30c; pkt., 5c.

SWEET CORN**Country Gentlemen Sweet Corn**

A grand, new, sweetest, richest sort yet known. It is large size, beautiful shape, pearl white color, and is without doubt the par-excellence of all eating varieties. It yields a large supply of ears and forage. ¼ bu., 80c; ½ bu., 45c; qt., 25c; pt., 16c; ½ pt., 9c.

Mammoth White Cory

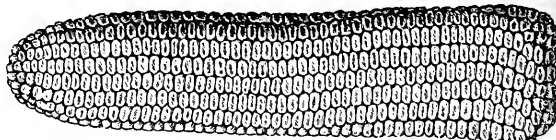
We consider this unquestionably the best extra early corn. Ears very large for so early a variety. Stalks about four feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety in cultivation. They are twelve rowed, six to seven inches long, very symmetrical and handsome, seldom with any opening between the rows at the base. Grain large, broad, very white and of remarkably good quality for such an early sort. The size and beauty of this variety give it ready sale even when the market is overstocked. Bu., \$3.50; ½ bu., \$1.75; ¼ bu., \$1.00; qt., 25c; pt., 15c.

Golden Bantam

An early sweet corn with golden yellow grain, very tender and of excellent quality. Ears eight rowed, six to seven inches long and of the medium size found most suitable for the table. The flavor is exceptionally rich and delicious. Height four to five feet. Our stock has been very carefully selected during several seasons and will be found decidedly superior to much that is offered. ½ bu., \$2.25; ¼ bu., \$1.25; qt., 30c.

Early Minnesota Sweet Corn

Standard for early market. Ears of good size. Desirable for family. We regard it as very early and productive, reliable for all general culture. Bu., \$3.50; ½ bu., \$1.80; ¼ bu., 90c; ⅛ bu., 50c; qt., 25c; pt., 14c; ½ pt., 8c.

Stowell's Evergreen Sweet Corn

A large variety. Splendid for table and much used for early stock feed. Bu., \$3.25; ½ bu., \$1.65; ¼ bu., 90c; qt., 25c.

Mammoth Sugar Corn

Largest strain of Evergreen, sweet and delicious. Produces well. Yields big supply of fodder. Bu., \$3.25; ½ bu., \$1.65; ¼ bu., 90c; ⅛ bu., 50c; qt., 28c; pt., 16c; ½ pt., 9c.

CUCUMBERS

POSTAGE PAID

Boston Pickling Cucumber

A very productive variety and one of the finest for pickling and an excellent variety for slicing. Early, fine shape. ½ lb., 30c; ¼ lb., 20c; oz., 10c; pkt., 5c.

Improved White Spine Cucumber

Well established market variety and has been much improved by careful selections. Very early, bright glossy green and is nice for pickles. Finest for market gardeners and shippers. Lb., 60c; ½ lb., 30c; ¼ lb., 20c; oz., 10c; pkt., 4c.

Extra Early Long Green Cucumber

A choice selected strain of Long Green, with white, crisp flesh and pleasant flavor. Beautiful color and attractive. Lb., 60c; ½ lb., 30c; ¼ lb., 20c; oz., 10c; pkt., 5c.

Gherkins or Burr Cucumber

Round shape, prickly variety, with vine resembling the watermelon. ¼ lb., 30c; oz., 10c; pkt., 4c.

EGG PLANT

POSTAGE PAID

New York Purple Egg Plant

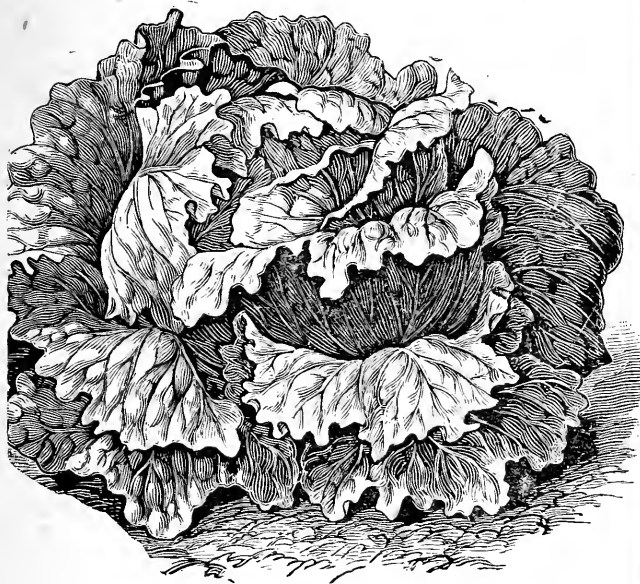
Improved variety of a deep purple color, large, size, and finest quality. Fine market sort everywhere. Magnificent shipper. ¼ lb., 70c; oz., 15c; pkt., 4c.

LETTUCE

POSTAGE PAID

Simpson's Early Curled

A very extensively used early loose leaved, or clustering variety. Leaves light green, slightly frilled and much blistered, crisp, sweet and tender. The sort is especially adapted for sowing thickly and cutting when the plants are young. Lb., 60c; $\frac{1}{4}$ lb., 20c; oz., 10c.



Denver Market Lettuce

This is prized very highly for forcing in hotbeds and for its earliness and very crisp, tender and excellent quality. A leading market sort. Leaves are wavy, or curled, and presents a beautiful effect. Lb., 60c; $\frac{1}{2}$ lb., 35c; $\frac{1}{4}$ lb., 20c; oz., 10c; pkt., 5c.

Hanson Lettuce

This is without doubt the largest variety in cultivation. Rapid growing, crisp, tender, and very nice. It stands the sun and heat remarkably well without becoming tough. Lb., 60c; $\frac{1}{2}$ lb., 35c; $\frac{1}{4}$ lb., 20c; oz., 10c; pkt., 5c.

Buttercup Lettuce

Is a grand German variety, equally good for spring, summer and winter use, or early forcing; forming large, solid heads with a beautiful foliage. Crisp, tender, and delicate in flavor. Lb., 60c; $\frac{1}{2}$ lb., 35c; $\frac{1}{4}$ lb., 20c; oz., 10c; pkt., 5c.

Black Seed Simpson Lettuce

A new and very distinct variety, and is a superior variety for the earliest market. It is a light, delicate green color; almost white, of exquisitely fine quality, crisp, tender, and used extensively by gardeners for forcing in hotbeds. It is considered one of the earliest and most valuable in cultivation. Lb., 60c; $\frac{1}{2}$ lb., 35c; $\frac{1}{4}$ lb., 20c; oz., 10c; pkt., 5c.

Tomhannock Lettuce

This gives general satisfaction, because it will grow quickly; ready to cut early, and remains in an edible condition a long time before it runs to seed. Inner leaves are almost white; outer ones tinged reddish bronze. Crisp and tender. $\frac{1}{4}$ lb., 20c; oz., 10c; pkt., 5c.

MUSK MELONS

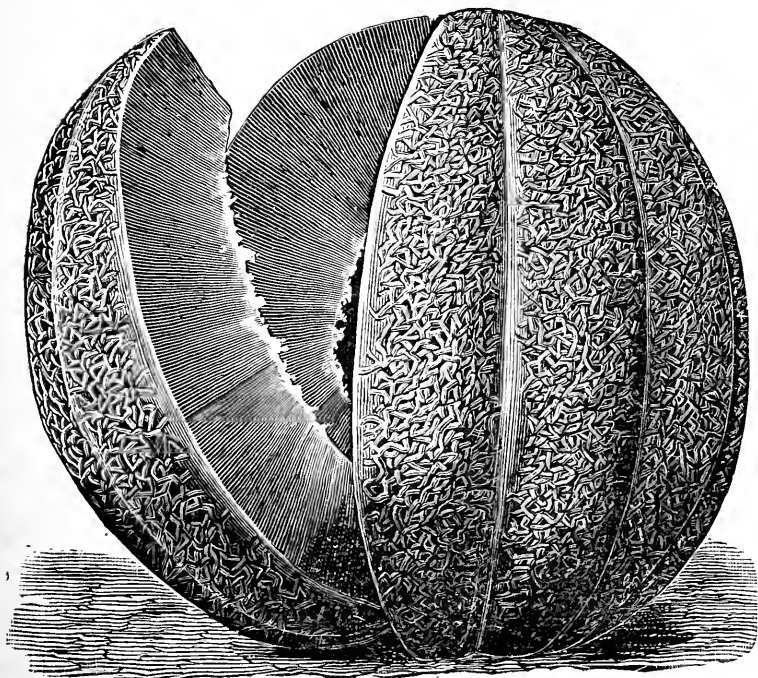
POSTAGE PAID

Osage Musk Melon

A valuable melon, for both market, and the home garden. Dark green, with the very finest juicy, sweet, and thick, golden-yellow, or salmon color flesh, they do not show bruises in handling and shipping, as it is very dark green. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; oz., 10c.

Rocky Ford Musk Melon

An improved strain of Netted Gem, growing more oblong in its shape. It is the finest sort for shipping in baskets. It is oval in shape, and is slightly ribbed and finely netted. Has thick flesh, and is very sweet and fine flavor. Is even in shape and very productive. Lb., 40c; $\frac{1}{2}$ lb., 20c; oz., 10c; pkt., 5c.



Defender

This is one of the best yellow fleshed sorts and in some respects is far superior to any of this class. The fruit is medium sized, oval in shape, slightly ribbed, covered with gray netting. The flesh is firm, fine grained, rich, deep yellow, darker than that of the Osage and of high flavor. The flesh extends to the rind and retains its color and quality quite to the outer shell which, though thin, is very hard and firm so that one can remove the edible portion with a spoon, leaving a rind no thicker than that of an orange. The vines vigorous and very productive. The fruit because of the hard, firm rind, keeps and bears shipment remarkably well. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 70c.

Early Hackensack Musk Melon

Decidedly a great improvement on the old Nutmeg Melon. Popular in eastern markets. Wonderfully productive, and good size; very early; deliciously juicy and sweet. Fine for both home and the market. Most beautiful melon of all. Lb., 35c; $\frac{1}{2}$ lb., 20c; oz., 10c.

Burpee's Netted Gem Musk Melon

This is highly esteemed for its earliness, exquisite flavor, fine quality, sweet and one of the finest for shipping in baskets to distant markets. Very popular in every city market, and one of the best for home garden. Lb., 40c; $\frac{1}{2}$ lb., 20c; oz., 10c; pkt., 5c.

Burrell's Gem Musk Melon

Often called Admiral Toga, Hoodoo, Defender, Rust Resisting, etc. It is splendid to ship in baskets. Is medium size, thick meat, small cavity, with deliciously sweet flesh, of a reddish orange color and eatable close to the rind. It is nicely netted and oblong shape and only slightly ribbed. Great in market. Lb., 40c; $\frac{1}{2}$ lb., 20c; oz., 10c; pkt., 5c.

Hoodoo

A new orange fleshed variety, ideal as a shipping melon, and of the very finest quality. Vine vigorous, remarkably blight resisting and very productive. Fruits uniformly of medium size. Netting exceptionally fine and dense, extending practically over the entire surface. Lb., 85c; $\frac{1}{4}$ lb., 25c.

Emerald Gem

A very early, yellow fleshed melon of small to medium size. One of the very best for the home garden. Vines vigorous and productive. Fruits globular or slightly flattened, somewhat irregularly ribbed and very slightly netted. Lb., 85c; $\frac{1}{4}$ lb., 25c.

WATERMELONS

POSTAGE PAID

Kleckley Sweets or "Monte Cristo"

Watermelon

This is a pretty shape, large, long, dark green melon, with bright red flesh and undoubtedly sweetest and most delicious variety ever introduced. The superior quality of this melon will

make it sell in market ahead of all others. Core is fine grain; crisp and juicy and cannot be sweeter. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; oz., 10c; pkt., 5c.

Tom Watson

The best shipping melon grown. A large, oblong melon, the skin of which is dark green, with thick netting on the entire surface. This melon is absolutely new and quite distinct from all other varieties. It averages 18 to 24 inches long and 10 to 12 inches in diameter, and weight 50 to 60 pounds. The rind is thin but tough and flesh a bright attractive red color, crisp, sweet and delicious. The heart is large with no core. Seeds are brown, tipped with white. The appearance and quality of this melon makes it one of the very best of shipping varieties. Tom Watson will prove the most profitable of all melons to truckers and gardeners. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Ferry's Sweetheart Watermelon

New, large oval shape, distinct variety; very heavy and has a mottled light and dark green surface. Thin rind but tough; flesh bright red, tender and sweet. Vigorous grower and very productive; fine shipper and excellent keeper. Early. Lb., 40c; $\frac{1}{2}$ lb., 25c; oz., 10c; pkt., 5c.

Ice Cream or Peerless Watermelon

This is a great favorite for family use. It is a superior variety in every respect, and has beautiful crimson core, and is fine grained, and it cannot be surpassed in excellence. It is very prolific, sweet, and the rind is thin. Medium size, productive and good cropper. Lb., 45c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 5c; pkt., 5c.

Kolb Gem Watermelon

This is the great shipping melon of the western states. Very large and bears transportation without injury. Splendid quality, red core, very sweet and sells well. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 12c; oz., 5c; pkt., 5c.

Gipsy or Georgia Rattlesnake Watermelon

One of the largest and finest varieties in our markets. Bears carriage well for long distance shipping. The rind is thin, and the core is a beautiful bright red, and quality is sweet and delicious, and shape is attractive. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 5c; pkt., 5c.

Alabama Sweet Watermelon

It is a large and beautiful shape melon, and the skin is tough and is not injured by handling, nor in shipping. It is one of the best and sweetest sorts ever grown. Every garden should have a supply. Lb., 50c; $\frac{1}{2}$ lb., 30c; $\frac{1}{4}$ lb., 18c; oz., 7c; pkt., 4c.

ONIONS

POSTAGE PAID

Southport Red Globe

This is Southport strain of Red Globe and is large fine grain, tender, mild, good keepers. Most handsome and saleable variety in market. Rapid grower, and yields immense crops and so hardy that ordinary frost does not injure them. A grand sort. Lb., \$1.10; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 15c; pkt., 5c.

Large Red Wethersfield Onion

Excellent keeper, and sells well everywhere. Good large marketable size, and the shape is very attractive. Sow four pounds per acre, in drills; rows 12 to 15 inches apart. Cultivate thoroughly, and keep free from weeds and a good crop can always be obtained. Gardeners who have a cold or heavy soil, should use manure freely, as it tends to lighten and warm the soil very much. Sow the seed as soon as the ground can be worked. Lb., \$1.10; ½ lb., 60c; ¼ lb., 35c; oz., 15c; pkt., 5c.

Large Yellow Globe Danver's Onion

A good old standard yellow sort, which ripens up all at a time, and are good size, and always in market demand, because they are excellent keepers and of the finest quality. Flesh is very white and is not so strong as to be disagreeable. Lb., \$1.00; ½ lb., 55c; ¼ lb., 35c; oz., 15c; pkt., 5c.

Flat Yellow Danver's Onion

This will always be planted largely for market as it is a sure cropper. Is very productive and an excellent keeper. About 4 to 5 pounds of seed should be sown to the acre to insure an even stand, and with thorough culture a magnificent crop can be produced. Mark the rows 12 to 15 inches apart, and thin the plants to 4 inches apart in the row. Best American grown. Lb., \$1.00; ½ lb., 55c; ¼ lb., 35c; oz., 15c; pkt., 5c.

Mammoth Prize Taker

A very large, popular variety, of a light color and beautiful shape. Flesh is white, tender, and mild, and has a delicate flavor. It is a sure cropper, and the best selling variety in every market. Is a good keeper and succeeds in all climates. The skin is thin and flesh is transparent. Lb., \$1.00; ½ lb., 55c; ¼ lb., 35c; oz., 15c; pkt., 5c.

Silver King

The largest white variety ever introduced, and is tender, mild and early. Great size and attractive shape, will place it in the front rank. They are so very mild, and so pleasant to the taste, they can be eaten like an apple. The skin is clear silver-white. Lb., \$1.50; ½ lb., 80c; ¼ lb., 45c; oz., 12c; pkt., 5c.

White Adriatic Barletta Onion

Earliest of all, a most desirable sort for pickling, but it is very fine and tender for table use. The skin is a silver-white, and as thin as tissue paper. It grows quick; matures early and should be in every garden. Lb., \$1.60; ½ lb., 85c; ¼ lb., 45c; oz., 12c; pkt., 5c.

PEAS**First and Best Pea**

About medium in height and its habit of growth. It is extra early, and all fills up at once, making it very desirable for the first supply in market. Quality is very fair. Quite hard and can be planted far earlier than the wrinkled sorts. Very productive and rapid growing. Bu., \$5.50; ¼ bu., \$1.50; ½ bu., 80c; qt., 40c.

**Carter's Premium Gem Pea**

A very early, green wrinkled sort, growing 12 to 15 inches, bearing large well-filled pods with sweet delicious peas. All market gardeners use this sort extensively for first. It is selected and improved strain of the McLean's Little Gem. It is one of the very finest earliest for the family garden. ½ bu., \$2.75; ¼ bu., \$1.75; ⅓ bu., \$1.00; qt., 40c.

Extra Early Alaska Pea

Extra early, prolific, rapid growing, sweet sort; desirable for both family and market. Claimed to be as the fast sailing ship "Alaska," quickest on record. Bu., \$5.50; ¼ bu., \$1.50; ⅓ bu., 85c; qt., 40c.

Bliss' American Wonder Pea

An extra choice dwarf variety. Choice American variety, first introduced by B. K. Bliss, of New York. One of the earliest and best of the sweet, wrinkled sorts. Is very short, less than a foot high. Quality is equal to large sorts. $\frac{1}{2}$ bu., \$2.75; $\frac{1}{4}$ bu., \$1.75; $\frac{1}{8}$ bu., \$1.00; qt., 40c.

Large White Marrowfat Peas

A standard late variety for market and family supply. It is a quick grower and is a very prolific bearer. Bu., \$4.00; $\frac{1}{4}$ bu., \$1.10; qt., 30c; pt., 17c.

Bliss' Abundance Pea

A bushy sort with a dark green foilage. It bears large well filled pods and is of the finest quality. It grows about two feet high and is hardy and very prolific. $\frac{1}{2}$ bu., \$2.75; $\frac{1}{4}$ bu., \$1.75; $\frac{1}{8}$ bu., \$1.00; qt., 40c; pt., 22c; $\frac{1}{2}$ pt., 12c.

Extra Early Tom Thumb

This is a variety that is well known to all planters, as a hardy, dwarf sort, that will bear the earliest planting. Sow at intervals of a few days to have a succession of crop. Our stock of this is very short. $\frac{1}{4}$ bu., \$2.00; $\frac{1}{8}$ bu., \$1.25; qt., 45c; pt., 25c.

Large Telephone Pea

The grandest, largest, strongest growing sweetest, finest for the table or market. It bears 16 to 18 large pods on each stalk and it is often called the green wrinkled marrow. Bu., \$5.50; $\frac{1}{2}$ bu., \$2.75; $\frac{1}{4}$ bu., \$1.75; $\frac{1}{8}$ bu., \$1.00; qt., 40c; pt., 22c; $\frac{1}{2}$ pt., 12c.

Landreth's Extra Early Pea

A very valuable, improved strain of the famous earliest sort once known as Landreth's Extra Early. It is exceedingly productive, and pods well filled. Ready for table in 45 days. Grows about 18 to 24 inches high in good soil. The whole crop will mature evenly and is well adapted for market gardeners use. Bu., \$5.50; $\frac{1}{4}$ bu., \$1.50; $\frac{1}{8}$ bu., 85c; qt., 40c.

PEPPERS

POSTAGE PAID

Sweet Spanish or Mango Pepper

Is a very popular and a magnificent large sort, of beautiful brilliant, glossy red color, thick flesh, and is not pungent, and is very fine for making Mango pickles. They sell well in the market when green. $\frac{1}{2}$ lb., 50c; $\frac{1}{4}$ lb., 35c; oz., 15c; pkt., 4c.

Large Bell or Bull Nose Pepper

This is a very large, mild, and extremely productive sort. The skin is bright glossy red, and the flesh is very thick. They sell readily in all markets while green, for making Mango Pickles. They are very easily grown and profitable. Lb., \$1.00; $\frac{1}{2}$ lb., 50c; $\frac{1}{4}$ lb., 35c; oz., 15c; pkt., 5c.

Long Red Cayenne Pepper

Well known pungent and sharp, fine variety used in pickles, also for feeding birds and to make pepper sauce. $\frac{1}{4}$ lb., 30c; oz., 15c; pkt., 5c.

Small Pod Chili Pepper

A little pungent red sort and very sharp and is used in making pepper-sauce, and many kinds of pickles. It grows in clusters and is beautiful. $\frac{1}{4}$ lb., 30c; oz., 15c; pkt., 5c.

PARSNIP

POSTAGE PAID

Sugar Cup or Hollow Crown

Is a magnificent variety, and is a well known sort everywhere, and is one of the best for general cultivation. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 12c; oz., 5c; pkt., 3c.

PUMPKIN

POSTAGE PAID

Sugar Pumpkin

A medium size, handsome variety, of a deep orange color. Is very prolific and a fine keeper. Very sweet and sugary, hence its name. Very fattening for stock and rich, delicious and fine for pies. Lb., 50c; $\frac{1}{2}$ lb., 30c; $\frac{1}{4}$ lb., 18c; oz., 6c; pkt., 5c.

Mammoth Sugar Pumpkin

One of the finest sort grown; much larger than the regular sugar or pie pumpkins, fully as sweet. Lb., 50c; $\frac{1}{2}$ lb., 30c; $\frac{1}{4}$ lb., 18c; oz., 10c; pkt., 5c.

Yankee Field Pumpkin

The old large yellow pumpkin. Lb., 25c; $\frac{1}{2}$ lb., 15c; oz., 5c; pkt., 3c.

RADISH

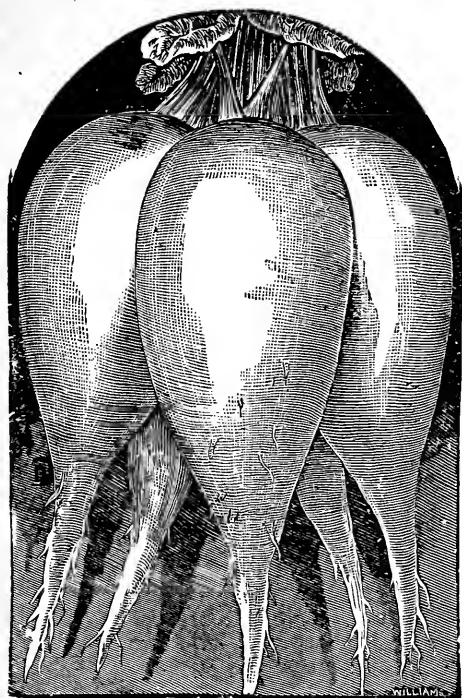
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Icicle Radish

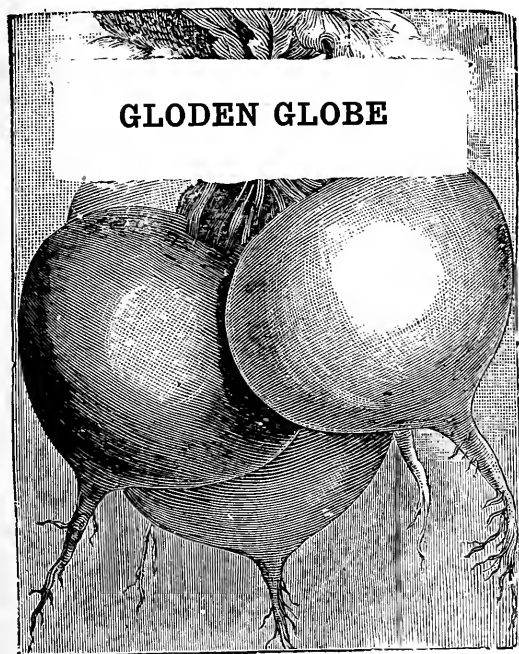
A very fine new white variety. It has but few tops making it very desirable for forcing. The roots continue brittle, mild and crisp, until full grown. They have a peculiar and delicious freshness not to be found in other sorts. Very rapid growing, tender, with a delicate fine grain. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 10c; pkt., 5c.

White Vienna Lady Finger Radish

Delicate, brittle, tender, crisp and early. Beautiful shape and a rapid grower. They are pure white with a fine, mild, sweet flavor. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 8c; pkt., 5c.

Long White Strassburg Radish

The flesh is beautiful snow-white, tender and is pleasant to the taste. Grows quick, crisp, tender, is ready for the table, or market, at any stage of growth. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 8c; pkt., 5c.

Golden Globe Radish

Beautiful golden yellow. A large, tender variety, which stands drouth and heat the best of any variety. Makes rapid growth and excellent variety at any stage of growth. Gardeners and all admire it, and they find it a very profitable sort to grow for market. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 8c; pkt., 5c.

Early Scarlet Turnip Radish

This is well known as an excellent variety of the greatest value for gardeners to plant for first early sort to meet the greatest demand for earliest market, when all vegetables are scarce and prices high. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 8c; pkt., 5c.

Chartier Radish

A very large, beautiful, crimson-red variety; shading to pure snow-white at tip. Fine for forcing early or later, and remains crisp, tender, not woody. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 8c; pkt., 5c.

Long Scarlet Short-Top Radish

It is a long, bright scarlet, very smooth, short top, and a standard variety with families and gardeners. Can be planted early, and it sells readily in any market, and is always of good quality. Two lbs., 75c; lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 8c; pkt., 5c.

White Turnip or Box Radish

Splendid, tender, crisp and fine for family, or to force in hot-beds, or frames for earliest market. An admirable variety for gardeners to bunch with scarlet sorts. All varieties are very low in price. Can plant freely. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 8c; pkt., 5c.

Giant White Stuttgart Radish

Extra early, of enormous size; is excellent for forcing in frames, rapid growing, quality is superb. It stands heat and does not get pithy, or tough. Fine for both the family and market garden. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 8c; pkt., 5c.

Long Black Spanish Winter Radish

These are so intensely purple that they appear almost a black. Sow them in July and August and use them in the fall and winter. Very delicious. They can be stored in the cellar and will keep as well as turnips. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 8c; pkt., 5c.

China Rose Winter Radish

Bright rose color, shading lighter toward the point. Sow the seeds late and store them the same way as is the method for storing turnips for the fall and winter use. They usually sell well in the fall and winter markets. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 6c; pkt., 3c.

Russian White Winter Radish

Sometimes called "Cal. Mam. Winter." Grows to an enormous size, often over a foot long. Is pure white, crisp and brittle. Sow in July and August. Is in use during fall and winter. Can be stored in cool place for winter. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 8c; pkt., 5c.

SALISFY**Mammoth Sandwich Island Salisfy**

Strain of the largest Vegetable Oyster in cultivation. Is delicious when boiled or fried, or mashed, then fried and made into fritters. Very hardy and can be left in the ground. Lb., 75c; $\frac{1}{2}$ lb., 40c; $\frac{1}{4}$ lb., 25c; oz., 8c; pkt., 4c.

SPINACH

POSTAGE PAID.

Bloomsdale Savoy Spinach

Owing to its peculiar crimped savory leaf, it will lie lighter and keep much longer, after cutting, than any other variety that can be found. It is very quick growing and excellent quality and is well liked by every grower. Lb., 30c; ½ lb., 18c; ¼ lb., 10c; pkt., 5c.

Round Leaf Spinach

Splendid variety for greens and fine for market in spring, summer and fall, and is easily grown. Seeds can be sown at intervals during the season, for a succession of a crop. Lb., 30c; ½ lb., 18c; ¼ lb., 10c; oz., 4c; pkt., 5c.

SQUASH

POSTAGE PAID

Crookneck Summer Squash

The beautiful golden color, must have tendency to make it supplant all other sorts of the summer varieties on the market. Lb., 50c; ½ lb., 30c; ¼ lb., 18c; oz., 6c; pkt., 3c.

Perfect Gem Squash

Small, yet desirable for both summer and winter. Wonderfully productive. Flesh is fine grain, and cooks dry. It is sweet, rich and delicious flavor. Often bears 20 on a vine. Lb., 80c; ½ lb., 40c; ¼ lb., 22c; oz., 8c; pkt., 4c.

True Hubbard Squash

The old standard late variety for fall, winter and spring use, as it is an excellent keeper. Its quality is rich, sweet and dry. It has a very hard shell and bears any amount of handling without injury. Sells well in a market. Lb., 65c; ½ lb., 35c; ¼ lb., 25c.

Mammoth Chili Squash

A monstrous size variety and is very good quality and is good keeper. The color is a beautiful orange yellow and is very nice for family use, and is a very nutritious and profitable food for stock. It is a well known native of South America, but is well adapted to the northern States. Lb., 60c; ½ lb., 35c; ¼ lb., 25c; oz., 8c; pkt., 5c.

TOMATOES

POSTAGE PAID

Livingston's Perfection Tomato

This is exactly what its name indicates. It is smooth, large, solid, and of finest quality. Beautiful color, and is a grand variety for canning market and family use. It ripens well up to the stem, skin is tough and good shipper. Lb., \$1.30; ½ lb., 70c; ¼ lb., 40c; oz., 12c; pkt., 3c.

New Stone Tomato

A large, smooth solid variety, with firm flesh and ripens evenly to the stem, without hard core. Bright scarlet color and excellent for canning and market. Lb., \$1.30; ½ lb., 70c; ¼ lb., 40c; oz., 12c; pkt., 3c.

Spark's Earliana Tomato

A popular variety, of good size for one so early. Market gardeners use of this quite heavily for first early. Is smooth and solid and splendid quality. Bright red color. Lb., \$1.30; ½ lb., 70c; ¼ lb., 40c; oz., 12c; pkt., 3c.

Livingston's Favorite Tomato

A choice, admirable sort, and one of the most desirable yet introduced. All of the desirable qualities are claimed for this that are prominent in any of the best smooth sorts. Lb., \$1.30; ½ lb., 70c; ¼ lb., 40c; oz., 12c; pkt., 3c.

Livingston's Beauty Tomato

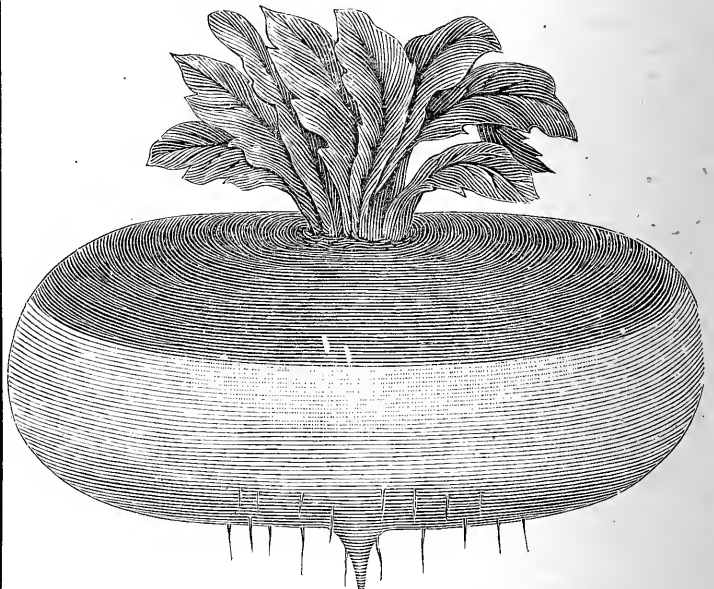
Is early, smooth, firm, deep red color, and bears shipping well, splendid for canning and for market, and fine for family use. Its beautiful dark red color makes a great demand for market and the canning companies prefer this. Lb., \$1.30; ½ lb., 70c; ¼ lb., 40c; oz., 12c; pkt., 3c.

TURNIPS

POSTAGE PAID

Early Flat Dutch Turnip

Fine for a general crop for family use, and feeding stock. Are splendid keepers, productive and fine quality. Sow early for summer, late for fall keeping. Lb., 40c; ½ lb., 25c; ¼ lb., 15c; oz., 6c; pkt., 3c.



Purple Top Strap Leaf Turnip

The old well known standard variety for table use and general crop for feeding to stock. Splendid keepers; productive, fine for market. Sow 2 to 3 lbs. per acre. Lb., 40c; ½ lb., 25c; ¼ lb., 15c; oz., 6c; pkt., 3c.

Extra Early Milan Turnip

A very valuable new variety, and fully a week earlier than any other. Medium size, excellent quality, and a red, or purple top and short leaves. Pure white flesh, fine grain, cooks easy, and is a good keeper. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 6c; pkt., 3c.

White Egg Turnip

Good size, nice for both early and late. Thin white skin, fine grain, sweet, mild flavor and a rapid grower. Solid and firm, beautiful shape, tender, and an excellent keeper. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 6c; pkt., 3c.

Long White Cowhorn Turnip

A great favorite with everybody. It is very sweet and it is fine for family use and feeding stock. An excellent keeper and yields very well. It is quite a rapid grower. The flesh is very white, fine grain, good quality. It is a good renovator for the soil as it roots deeply and is very loosening to the soil. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 6c; pkt., 3c.

**Skirving's Purple Top Ruta Baga**

A well known hardy, yellow variety, good for table and for feeding stock. One of very largest varieties and a profitable cropper. Easily grown. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 6c; pkt., 3c.

Large Purple Top, White Globe Turnip

Large, splendid variety for family use, or market and feeding stock. It is so very beautiful and attractive shape and magnificent size, that it sells on sight. Great yielder and enormously productive and the finest quality. Lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 6c; pkt., 3c.

CLOVER SEED**Iowa Grown Clover Seed (Common Red)**

We are selling at this date, Feb. 1st., Fancy at \$10.50; Choice, \$9.50; Common Grade, \$9.00. The cleaner the seed the less it takes to sow an acre. Our Choice and Fancy, 10 lbs. is plenty. The cheaper grades of clover requires 12 to 15 lbs., according to quality. Our seed is cleaned so as to pass the Iowa State law which is very rigid. Clover seed just from the machine, or cleaned by a common fanning mill, is fully 10 per cent dirt and foul weed seed. Only by re-cleaning in a regular seed cleaner can these seeds be taken out. We frequently find 15 to 25 kinds of weed seed in a bushel of Clover. Some of these are prohibited by the Iowa law and some are allowed to pass, only in the proportion of 2 to 4 per cent.



Few farmers realize what it is to buy Clover Seed right from the machine, or even when it has been run through a fanning mill. This takes out only the lighter dirt. When Clover is selling at \$12.00 per bushel, and you buy 2 pounds of dirt and weed seed to the bushel, your seed is costing you \$12.40 per bushel, besides seeding your land to noxious weeds. No clover huller or fanning mill made, cleans seed fit for sowing. We frequently take as much as 3 pounds of trash from a bushel of fanning mill cleaned seed.

Without the use of the microscope the ordinary farmer, or any one else, for that matter, would hardly detect the difference. The man who sold the seed to the store keeper may mean well and be the best fellow in the world, but such seed is always dear at any price, even as a gift, when you can buy our high-grade seed at reasonable—our lowest and best prices.

When you buy your seeds from us you run no risk. If not entirely satisfactory on receipt you may return them at our expense and money paid for them will be refunded.

PLEASE NOTE—Prices of Clover and Timothy are subject to fluctuations of the market. Buyers should write for firm and lowest price before buying, which we quote by return mail. Then there is sure to be no misunderstanding.

Mammoth Clover

50 per cent higher than Common Red—same grades.

Alfalfa Clover Seed

Our seed is raised on non-irrigated land and is better adapted to this part of the country than seed from the irrigated parts.

The great bulk of American seed is grown under irrigation and does not possess that vitality in adjusting itself to normal conditions seed does where grown under natural conditions. We purchase all our seed direct from the growers in southern central Nebraska, and know what we are getting; therefore you can rely upon seed you get from us being grown under natural conditions and of the best quality that can be produced. Price, Feb. 1st., bus., \$8.50; pound, post paid, 25c; sow 15 pounds to acre.

White Clover

By mail, 35c per lb.



Alsike or Swedish Clover

(Trifolium Heybridum.) A very hardy clover Perennial. On rich, moist soils it yields an enormous quantity of hay or pasturage, but its greatest value is for sowing with other clovers and grasses, as it forms a thick bottom and greatly increases the yield of hay; cattle prefer it to any other forage. The heads are globular, fragrant and much liked by bees, which obtain a large amount of honey from them. Sow in spring or fall at the rate of six pounds per acre when used alone. Bu., \$12.00; mail, lb., 35c.

Sweet Clover (Melilotus Alba)

White Blossom

Sweet Clover has been attracting attention during the last few years until the seed seems to be in even greater demand than alfalfa seed. In fact the seed is very high again this year. A few of the reasons why the sweet clover crop is valuable are:

1. It grows readily on most all soils and locations.

2. It has the same sort of bacteria laden nodules as alfalfa and inoculates a farm for that crop. If alfalfa does not do well on your farm try sweet clover first.

3. Sweet Clover brings land up rapidly to a high state of fertility and fits it not only for alfalfa but for crops of all kinds.

4. It can be pastured while alfalfa cannot, and stands pasturing better even than red clover,

5. Cattle and hogs both very soon acquire a taste for sweet clover and relish it and thrive on it.

6. At the Iowa Ex. station it outclassed red clover in its stability to carry more hogs and to furnish green pasture for a longer period.

7. While formerly sweet clover was considered of no value whatever and regarded as a roadside nuisance it is now a well established fact that all kinds of stock learn to eat it just as readily as men learn to eat many things that do not taste just right at first.

8. It makes a profitable hay crop if cut early before it gets too large, while the second crop may be harvested for seed.

9. Eight, to twelve bushels of seed can easily be hulled from an acre and the seed is in demand at high prices.

Prof. Evvard of the Iowa Station says, "In my experience and observations, sweet clover has proved itself to be an exceptional forage crop for certain soil conditions, and I know from experience that stock will eat it."

Sow 15 to 30 pounds of seed per acre either spring or fall but preferably in spring. The white blossomed variety is the most valuable, although the yellow is just as good for inoculating and fertilizing. Hulled seed is preferable to unhulled as it germinates more readily.

Prices: Hulled Seed, White Blossom. By mail: Lb., 40c; freight: lb., 30c; 5 lbs., \$1.40; 10 lbs., \$2.75; 100 lbs., \$25.00. Bags included.

BUCKWHEAT

Japanese Buckwheat

This is larger than the common variety. Bu., \$1.25.



TIMOTHY



Choice Iowa Grown Timothy

PRICES FEBRUARY 1, 1914

Our seed is absolutely pure, bright, beautiful seed; we take pride in our Timothy Seed. Sow 12 lbs., per acre. Cut in bloom. Bu., \$2.50.

We want to insist and encourage those who anticipate sowing to order their grass seeds early. Market prices are so fluctuating we do not undertake to make firm prices beyond present stocks, which are at present sufficient under ordinary conditions to meet the requirements of our trade.

MILLET

Northern Grown Millet

Best for rich land, but produces fine hay on poor soil. Bu., \$1.25.

Southern Grown Cultivated

On good, rich soil it will make a growth of 4 to 5 feet high, although the hay may seem coarse yet it is so tender that if cut at the right stage, which is when in full bloom even the hogs will eat the cured hay quite greedily. A yield of 5 tons of hay per acre is nothing unusual. Sow 3 pecks per acre. Price, 50 lb., bu., \$1.50.

German Millet

Nothing pays better for a stock raiser and

dairy farmer than a few acres of Millet of some kind, for it is of the greatest feeding value and milk producing quality, and yields at least again as much of the most delicious hay per acre as timothy and clover. It should be sown regularly



every year, and not merely as a catch crop. When spring is so unfavorable that other crops fail to grow, or when the season is so late and wet that other crops will not mature any more, then there is always the greatest demand for millet. Write for lowest prices stating amount wanted.

Sorghum (Sugar Cane for Fodder)

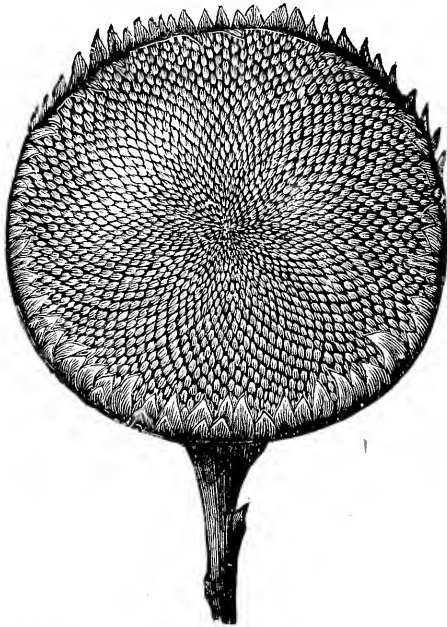
The greatest of all forage and fodder plants. It will yield two crops of fodder and a good fall pasture in one season. Roots deep into the sub-soil and stands drouths that often destroy other crops. As a rough provender it is unsurpassed. Sow 1 to 2 bushels per acre.

As a Pasture and Fodder Plant it beats everything. It is extremely profitable for this purpose as the cane can be cut and partly cured, and in this way yield from 15 to 20 tons of magnificent fodder to the acre. For fodder, cut as soon as the blossom comes out of the head. Leave for two or three days on the ground, and then put up in shocks of about one load each. It can be cut repeatedly and springs up quickly again. Price \$1.50 per bushel.

Kaffir Corn

This is especially desirable for planting where the summers are hot and dry. The stout stalks grow stiffly erect from six to ten feet in height. The stalks and blades cure into good fodder and are also desirable to furnish green forage during summer months. The seed is borne in a loose branching head ten to twelve inches in length at the top of the stalk. On good land Kaffir Corn will yield fifty bushels per acre. The seeds are esteemed for feeding to both stock and poultry. Price 3c per lb.

SUNFLOWER



Mammoth Russian Sunflower

Sunflower seed is one of the best egg producing foods for poultry. It can be sown any time

before the middle of July. Plant in hills $3\frac{1}{2}$ to 4 feet apart each way, or in drills. Six quarts will sow an acre. Seeds are the best of food for poultry, and is much cheaper to raise than corn. Price: Large pkt., 5c; 1 lb., 20c; 3 lbs., 55c. By freight, 10 lbs., 70c; 1 bu. or 25 lbs., \$1.50.

COWPEAS

Good cowpeas hay is fully as valuable a feed, pound for pound, as red clover hay, and very nearly equal in value to Alfalfa or to wheat bran. The principle value of this hay lies in its high percentage of digestible protein, which is nearly four times that of timothy hay.

When grown for hay production cowpeas are nearly always broadcasted or put in with a grain drill any time from May 15th to July 15th. The quantity of seed used to the acre ranges from one to one and a half bushels when drilled, broadcasted requiring from one and a quarter to two bushels. The quantity most commonly used and which gives the most general satisfaction when the seed is put in with a grain drill is decidedly superior to broadcasted. The practice of broadcasted on small grain stubble and plowing under the seed is still common; also that of putting in the seed or grain stubble with a disk drill without plowing. Both of these practices are rapidly being replaced by good preparation of the soil before seeding.

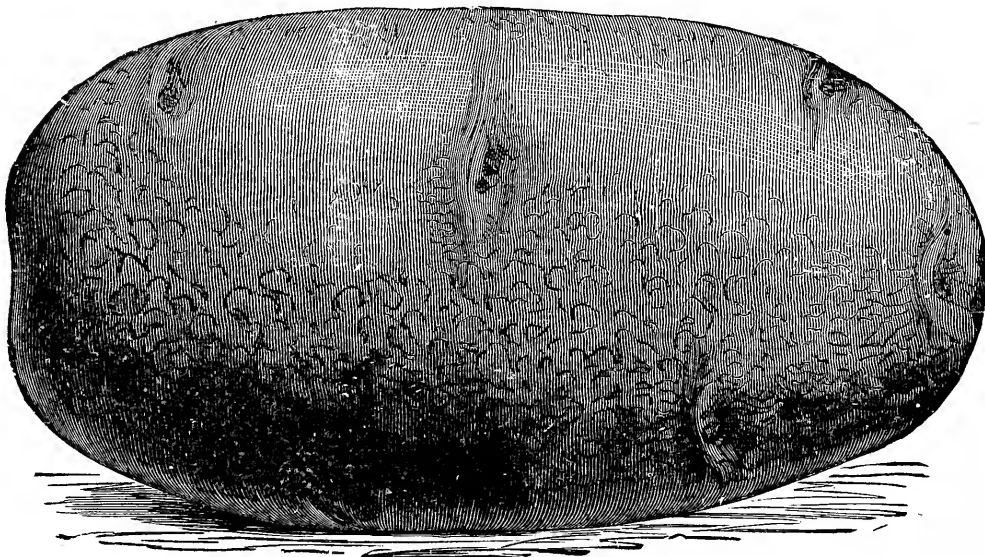
Varieties

The varieties more commonly used are Whip-poorwill, New Era, Black, and Groit or Mixed.

We endeavor to keep a full stock up to 10th of July. At present time prices are advancing rapidly. On application we will send you an interesting circular on this subject.

Write for prices on Cowpeas; we will make you delivered prices.

SEED POTATOES



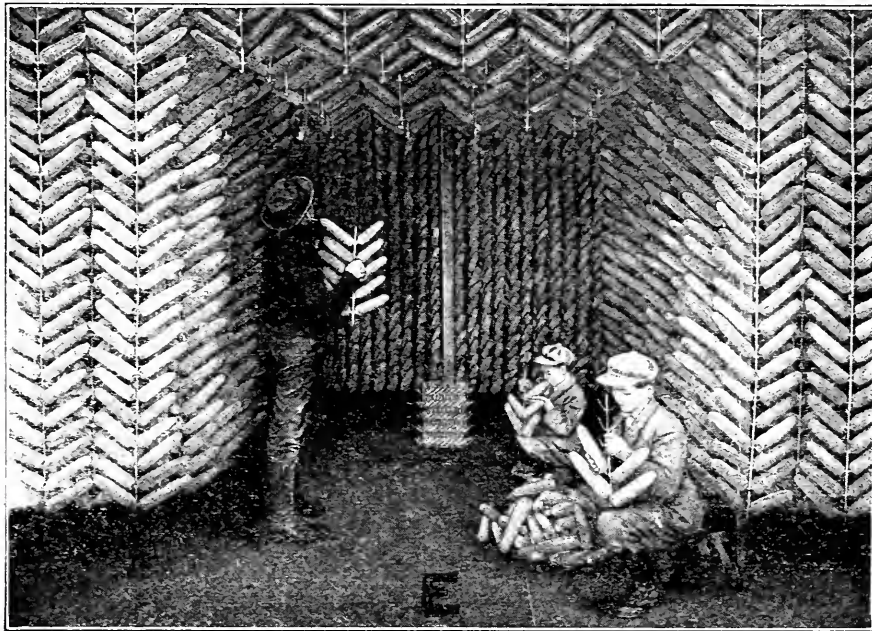
Red River Grown Seed Potatoes

In order to secure the best possible yields, combined with the best quality, there is no crop grown that a change in seed is so essential as in seed potatoes. If our selected Red River grown are planted, 200 or 300 bushels can be easily grown per acre as 50 to 100 bushels scrub stocks. To grow a large crop of the big, fine healthy tubers will not cost any more than to grow a small crop of small, poor potatoes, which are hardly marketable at any price. There is a world of difference between Northern Red River grown potatoes and eastern, or one grown along the lakes. Farmers have taken potatoes grown in Iowa, Illinois, Michigan, and New York and planted them side by side with the same varieties from the Red River Valley and never got half a crop, while Red River potatoes would roll out by the hundreds of bushels per acre. Other potatoes would give from 30 to 50 and sometimes as high as 150 bushels per

acre, but this was a very rare yield. Northern grown seed potatoes insure a vigorous growth, an early maturity and the largest crops and finest quality and flavored potatoes that can be grown. We have customers who buy one to ten barrels a year for their planting purposes, because it more than doubly pays them.

We ship our seed potatoes in the spring as soon as danger of freezing is over, so they will arrive in plenty of time for planting. All orders for potatoes are acknowledged as soon as received and forwarded the first day that we feel that it is safe to start them. When shipment is ordered otherwise, shipment is made at purchaser's risk and we assume no responsibility on account of freezing. We do not charge for bags, boxes or barrels. All potatoes are carefully packed and delivered to the railroad company in good order and condition, then our responsibility ceases.

Write for prices on Potatoes.



A CORNER IN OUR SEED CURING WAREHOUSE

CORN

Good Seed Corn

One of the most important—if not THE most important, questions before the American farmer today is to get good seed corn—that is, a seed of **standard variety**, of high yield, early and sound maturity.

We offer you seed corn which we know answers these requirements. We have Funk's Yellow Dent and Reid's Yellow Dent in yellow, Boone County Special and Iowa Silver Mine in white. These varieties are selected from prize winning corn and we guarantee the purity of the stock. We do not offer a dozen or more varieties, but confine ourselves to four that we can stand behind. **All our Seed Corn is on the ear**—when you buy it that way you can see that you are getting what you pay for. We offer no seed corn but what will germinate 95% or over. It will pay you to change your seed corn this year, even if

you have corn that will grow. Write us for close prices on quantity.

Remember—In counting the cost of Seed Corn, one bushel of corn will plant seven to eight acres. The cost per acre for our pure bred varieties is less than 50c per acre. Only one bushel per acre increased yield more than pays all cost of seed. The commonest mongrel scrub corn costs you something. The corn we sell you is not only selected seed, but is pure bred and has been carefully handled, dried and cured as seed corn should be. A bushel of seed corn that increases your yield ten bushels per acre, makes you at the rate \$35.00 per bushel. Hence, don't forget that if you plant seed that lowers your yield this much is has cost you \$35.00 per bushel. Prices for above choice varieties on the ear **\$3.50** per bushel. This includes bags or boxes when shipped by freight.

FLOWER SEED

All Varieties

We buy flower seed in bulk and fill packages at store. Many varieties—2 packets for 5c; others, 3 for 10c. Some varieties, 5c per packet.

"THE DIFFERENCE"

Tennyson or Longfellow could take a worthless sheet of paper and write a poem on it and make it worth \$65,000—THAT'S GENIUS. There are some men who can write a few words on a piece of paper and make it worth \$50,000,000—THAT'S CAPITAL. The United States government can take an ounce of silver and make it worth 50 cents—THAT'S MONEY. A mechanic can take material worth \$5 and make it into watch springs worth \$50—THAT'S SKILL. There is a man in Minneapolis who can take a 50 cent piece of canvas and paint a picture on it and make it worth several hundred dollars—THAT'S ART. A merchant can take an article worth 75 cents and sell it for \$1.00—THAT'S BUSINESS. A woman can purchase a \$2.79 hat, but prefers one that costs \$27.00—THAT'S FOOLISHNESS. A ditch digger works ten hours a day and handles several tons of earth for \$2.00—THAT'S LABOR. The author of this article can write a check for \$90,000,000, but it wouldn't be worth a dime—THAT'S TOUGH. There are other concerns in the country who will tell you that they can serve you as well as Thompson Bros. Co.—THAT'S NERVE. Everybody who is posted and wants the best, deals with Thompson Bros. Co.—THAT'S COMMON SENSE.

BIRD SEED

We are the only firm in this city who carry a fresh stock at all times of Hemp, Rape, Canary and Sunflower Seed. We are prepared to sell in wholesale or retail quantities. We also keep a supply of Cuttle Bone.

Little Giant Seed Sower

Is greatly improved this year and now has the double feed, sowing the same on both sides. It also has a larger distributing wheel, while the flanges are riveted to an iron plate.

It is absolutely force feed, gauged to sow accurately. Hand hold and shield are on the sides. We are specializing on a larger size seeder this season at a greatly reduced price. The Little Giant has stood for the best in Seeders for the past 18 years.

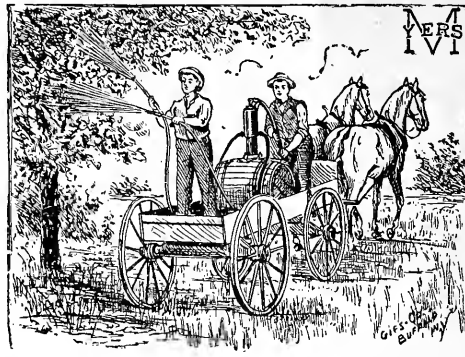
Post paid, local, \$1.20; in first zone, for \$1.30; second zone, \$1.40. First zone is 50 miles; second zone is 150 miles.

Where do Your Apples Go

The time has passed when good fruit can be produced with little or no attention to the growing. Now fruits are good or bad, the extent of either depending on the methods of culture and care you adopt. To obtain the better grade you must spray systematically and Sherwin-Williams Insecticides will give satisfactory and economical results.

Lime Sulphur Solution—For spraying mix one gallon to ten gallons water. Price for 50 gal bbl., \$10.00; 5-gal. can, per gal., 30c; 1-gal. can, each, 50c; ½ gal. can, each 40c; ¼ gal. can, each, 30c; Special prices on 10, 15 and 20 bbl. lots.

Arsenate of Lead—Mix 1 lb. to 20 gallons wa-

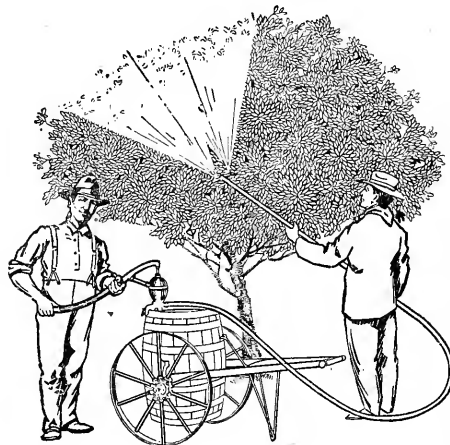


ter. For tender foliage 1 lb. to 40 gallons water. Price, 100-lb. kegs, per lb., 10c; 25-lb. kegs, per lb., 12c; 5-lb. jars, per lb., 15c; 1-lb. jars, each 25c.



Bordeaux Mixture—5-lb. jars, per lb., 15c; 1-lb. jars, each 25c.

Paris Green—28-lb. kits, per lb., 20c; 14-lb. kits, per lb., 20c; 12-lb. pkg., per lb., 25c; 5-lb. kits, per lb., 20c; 2-lb. pkg., per lb., 25c; 5-lb.,



More and Better Fruit

No matter if you have one or a dozen trees, it doesn't pay to grow wormy or scarred fruit. You can have clean, well-colored fruit for your table or the market with but a slight effort and small expense. Systematic spraying is the remedy and it pays a big dividend if you use good materials—S-W Brand.

Kill the Bugs—Increase Your Profits

It is just as important to spray your vegetables as it is to cultivate them. Spraying will effectually control troublesome insects and fungus diseases, increasing your yield and the quality. Spray them with Sherwin-Williams Insecticides and Fungicides.

Hammond's Slug Shot for Cabbage Worms



Hammond Slug Shot

has never been known to fail in destroying leaf-eating insects. The composition is a dust strongly impregnated with fungicides, and in all the years of its use no harm has come to man, beast or fowl, through its use upon Potatoes, Currants, Cabbage, Roses, Bushes or Trees, for it kills or drives off larvae of all sorts, Slugs or Caterpillars. Put up in handy packages of 5 lb. each. Price delivered to you by mail, local, 40c; 1st zone or 50 miles, 50c; 2nd zone or 150 miles, 56c. Full instructions with each package. If you save a bushel of potatoes you pay for the 5 lb. package.

Hammond's Slug Shot was made to kill potato bugs. It will kill currant worms, gooseberry worms and mildew. No lice on chickens where Slug Shot is used, or lice on calves and cows.

Incubators and Brooders

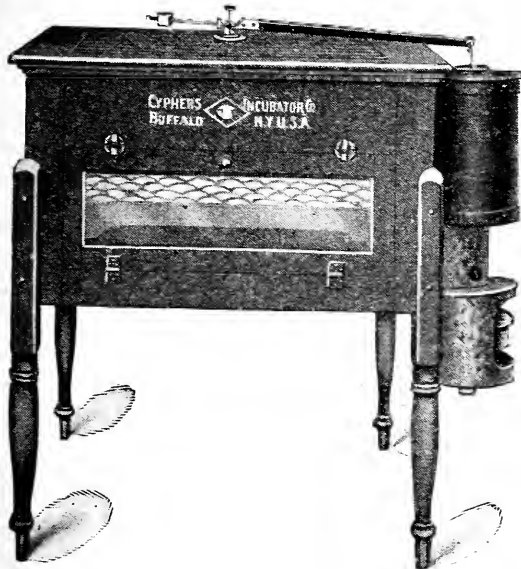
We have added the Cyphers line of incubators and supplies to our Poultry Department this year and now offer you Two machines in keeping with the quality of our seeds and other supplies.

The Standard CYPHERS Incubators

Represent the highest achievements in artificial hatchers and are recognized by the highest authorities all over the world as the best



Nearly everyone raises poultry to some extent, and we all know that to make poultry pay we must hatch early in the year and thus obtain good prices for stock, and obtain eggs from our pullets when the prices are high. This early season hatching requires good incubators that are reliable and which will turn out good, strong, livable chicks. Cyphers Incubators are warranted unequalled.



PRICES CYPHERS INCUBATORS

-F. O. B. Muscatine.

No. 0—70 Egg.....	\$15.00
No. 1—144 Egg.....	22.00
No. 2—244 Egg.....	32.00
No. 3—390 Egg.....	38.00

Simple and plain instructions for operating are furnished with each machine.

Prices as low as the quality represented will permit of, and the price of any of these machines is consistent with what you get—materially, as well as

Efficiency, Durability and Appearance

Ask For The Cyphers Incubator Catalogue And Poultry Book---It's Free

This book of over 200 pages fully describes the Cyphers line of incubators, brooders and poultry supplies, and also contains much valuable information for poultry raisers. Nearly all the large poultry farms, agricultural colleges and experiment stations use and endorse Cyphers Incubators and Brooders, and this book contains many illustrations of these farms, as well as a description of the Cyphers Company's own mammoth farm at Buffalo, New York.

We are exclusive agents for Cyphers Incubators and Brooders in this and adjoining counties, and carry a stock on hand, which we can sell you at factory prices.

BUCKEYE INCUBATORS

The Standard Hot Water Incubator of the World

**On the
Market
23
Years**

Buckeye incubators are equipped with every desirable device that can possibly add to incubators efficiency and they are sold with an absolute guarantee to hatch a chick from every hatchable egg.

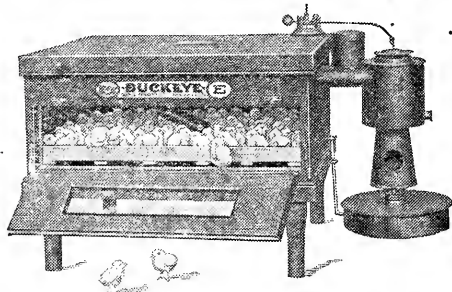
Buckeye incubators are so simple that the beginner can operate them just as successfully as the experienced poultryman—that's why they are so uniformly satisfactory.

We have a Buckeye in operation most all the time. Come in and see the chicks hatching and we can easily convince you that you can hatch more chicks and better chicks with a Buckeye than with the best old hen or incubator you ever owned.

**Over
325,000
in Successful
Operation**

WE HAVE THEM IN SIX SIZES, 60 to 350 EGGS

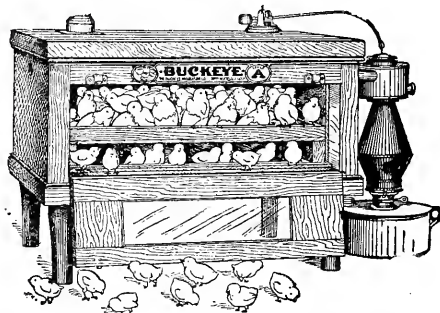
Buckeye Incubator—Style E



The greatest hatching device ever produced at any price. Not a toy—not an experiment. Guaranteed to hatch every hatchable egg. On the market 23 years. Over 100,000 in successful operation.

Capacity 60 eggs, complete ready to use.....\$7.50

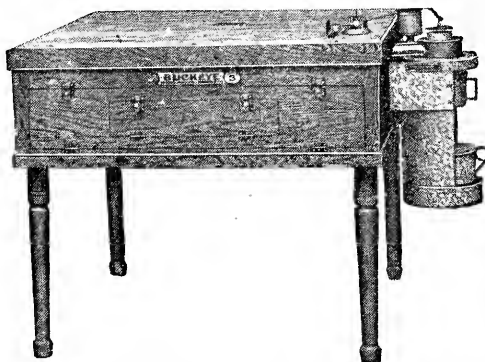
Buckeye Incubator—Style A



A larger and better made machine. Full one-gallon heavy oil tank. Has nursery compartment, and extra tray for turning eggs. Guaranteed to hatch every hatchable egg.

Complete ready to use.....\$10.00

Buckeye Standard Incubators



Equipped with every desirable device to be found on any incubator. Guaranteed to hatch every hatchable egg and remain in perfect working order for five years.

No. 1—Capacity 110 Eggs.....	\$18.00
No. 2—Capacity 175 Eggs.....	23.00
No. 3—Capacity 250 Eggs.....	30.00
No. 4—Capacity 350 Eggs.....	35.00

These incubators bear the Underwriters' fire-proof label.

BUCKEYE BROODERS

It is a matter of record that poorly constructed brooders are responsible for the death of more chicks than all other causes combined, so we consider it most advisable to call particular attention to the importance of using a type of brooder which we know will properly care for the chicks after they are hatched.

Indoor Brooders

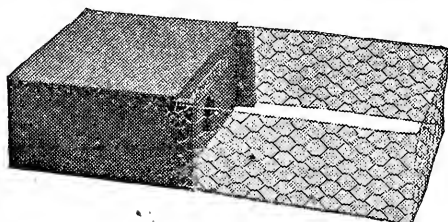
Top heat—circulating hot water—self regulating.

No. 1—Capacity 50 chicks.....	\$ 8.00
No. 3—Capacity 100 chicks.....	10.00

LAMPLESS BROODERS

No artificial heat required.

No. 5—Capacity 25 chicks.....	\$2.00
No. 6—Capacity 50 chicks.....	3.00



**ASK FOR LARGE ILLUSTRATED CATALOG OF
BUCKEYE INCUBATORS AND BROODERS**

International Sanitary Hover



**Price of Hover Complete,
with Thermometer \$8.50**

Among the distinguishing features of the Sanitary Hover are these:

1. It is not a center-heat hover, but is warmest near the curtain. This causes the chicks to distribute themselves around the edge of the curtain, where they have plenty of room and fresh air as well as warmth. There is no crowding of the chicks to the center, with death to the weaker members.

2. It is portable—that is, it can be picked up and carried around with ease and used anywhere. This makes unnecessary the building of an expen-

sive brooder house to tie up one-third of your investment in idleness 9 months out of the 12.

3. It is entirely circular and has no corners for chicks to crowd into.

4. The lamp holder can be lifted out through the top by a person standing up, which makes it unnecessary for the operator to go down on his knees in dust or mud to tend his lamp.

5. No carpenter work is required in connection with it—no cutting of holes nor building of platforms. It can be moved from place to place without so much as the drawing of a nail or the disconnecting of a pipe.

6. It is metal throughout and is therefore vermin-proof as well as fireproof. Unlike the wooden hover, it will not absorb dirt and hold it. It cannot be burned nor broken and cannot warp and fall apart. At the worst it can only be dented or kinked through rough usage.

7. In spite of the ease with which it may be carried around, it provides nearly 200 square inches more hovering space than any other hover.

8. The top is dome-shaped, which prevents the chicks from roosting upon it and making it foul with their droppings.

9. The peep hole is so placed that the operator can see his lamp flame without even stooping. The flame cannot be put out by any ordinary wind or rain, there being no connection between the lamp chimney and the flues for taking in fresh air and discharging gases.

10. The lamp can be removed in an instant without any disturbance of the chicks.

11. Gases and fumes from the lamp cannot possibly get into the hovering space, because in order to do so they would have to pass through the metal ceiling of the hover. This they cannot do.

International 6 in 1 Excersiser AND Feeder

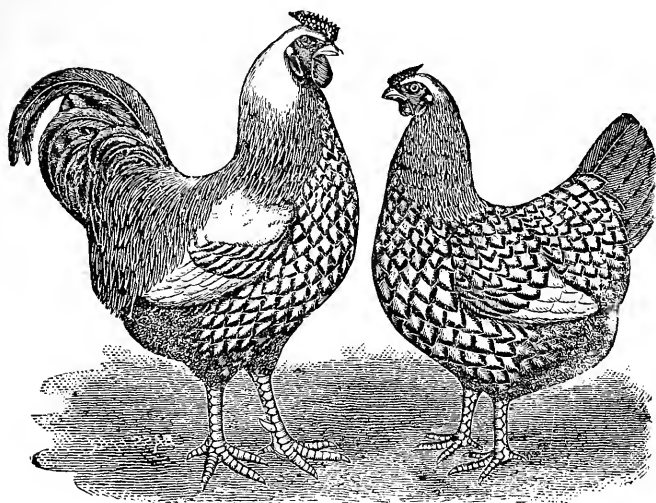
Separate compartments supply Grain, Grit, Charcoal, Oyster Shell, Beef Scrap and Dry Mash—Soup, Dinner and Dessert.

The swinging pendulum drops the grain and the metal cone scatters it—forcing the chickens to run after it. It eliminates all other feeding devices.

Price Complete \$3.75



POULTRY SUPPLIES



Unmixed Grains

Prices named are those in effect on issuing of this catalogue. Subject to market change.

	Price per 100 lbs.
Wheat, price 100 lbs.....	\$2.00
Corn, price 100 lbs.....	1.50
Buckwheat, price 100 lbs.....	3.00
Hemp, price 100 lbs.....	6.00
Chicken Millet, price 100 lbs.....	3.00
Hog Millet, price 100 lbs.....	3.50
Canada Peas, price 100 lbs.....	4.00
Sunflower, price 100 lbs.....	6.00

Cyphers Chick Food

A Complete Food for Young Chicks up to Six Weeks of Age, No Other Grain Being Required or Advisable Ration.

To obtain best results in raising chicks, good equipment and proper care are not enough—the food that you give them must be **right in substance**, in “food values,” in actual nourishment and also must be **correct in proportions** so that digestion and assimilation may be easy and complete. In compounding Cyphers Chick Food the protein or flesh and muscle-forming elements are maintained high; in fats and carbohydrates or heat and fat-forming elements are reduced to their proper proportion, and the ash or mineral elements are in sufficient amount to supply the needs of the rapidly-growing chick.

Prices: F. O. B. Muscatine, 50-lb. bag, \$1.40; 100-lb. bag, \$2.50.

Cyphers Scratching Food

A Balanced-Ration, Cracked and Whole-Grain Mixture That Affords Variety, Insures Exercise, Maintains Health and Promotes Liberal Egg-Yield.

Exercise is absolutely necessary to promote digestion, maintain health, insures a continuous egg-yield and produce fertile eggs. Remember, that breeding fowls cannot be kept vigorous and strong by any method that does not require exercise, and plenty of it. A good scratching food fills one of the most important needs of the poultry raiser, if properly prepared.

A scratching food rightly made up is composed of such a variety of grains, correctly balanced, as will meet a range of conditions extending through a large part of the year, including the laying and breeding season, the molting period, etc. It must contain **an attractive variety of grains**, such as will induce the fowls to scratch for more of it and it must also be proportioned to meet the hen's requirements as an egg producer.

In selecting and preparing the grains and seeds for Cyphers Scratching Food we crack or cut them sufficiently small so that the fowls will **have to work to find them** and cannot eat the food all out of the litter in a few minutes. It would defeat the purpose to feed nothing but whole grains. While we include some whole wheat in our Scratching Food, together with whole barley, buckwheat, sun-flower seed, etc., still fully three-fourths of the mixture is as small as whole wheat. On the other hand, we screen out the meal or flour and by this means **avoid waste on the part of our customers.**

Prices: 50-lb. bag, F. O. B. Muscatine, \$1.35, 100 lb. bag, F. O. B. Muscatine, \$2.45.

Cyphers Full-Nest Egg Food

Full-Nest Egg Food is not only an egg-producer, but it is also a standard condition powder for all ages of poultry. Besides being an unexcelled egg-producer it is a **concentrated meat food** possessing tonic properties which promote the good health and fine condition. It stimulates and invigorates; it also builds up the system and helps to keep it up. **Full-Nest Egg Food will help your birds through their molt, make the feathers develop normally, and induce a high state of perfection in plumage.** Hens begin laying sooner after molting where this egg food is used.

Prices: 42-oz. package, (not mailable) 25c; 25-lb. pail, \$2.00.

Cyphers Short-Cut Alfalfa

Guaranteed 95 Per Cent Pure Alfalfa. Alfalfa Possesses from 14 to 18 Per Cent, Protein; Mangels, 1.5 Per Cent; Grass, 6.55 Per Cent.

A standard green food invaluable for egg production. Can be fed either with mashed food, used in the trough by itself, and is excellent to scatter in brooders, or where young chicks run.

Prices: F. O. B. Muscatine, 50-lb. bag, \$1.15; 100-lb. bag, \$2.00.

CRUSHED OYSTER SHELL

The most frequent cause of hens not laying is the absence in the food of carbonate of lime. As crushed oyster shell is practically pure carbonate of lime, it supplies, when fed to poultry, the most essential element, and greatly aids in the formation of the egg.

ADVANTAGES GAINED BY THE USE OF OYSTER SHELL

It prevents cholera; it keeps the poultry healthy; it makes hens lay an egg a day; it prevents soft shell eggs; it prevents hens eating their eggs; it makes the egg shell strong enough to carry without breaking; it contains many essential components of the egg; it contains many essential heavier. When you buy 100 lbs. of our Crushed Oyster Shells, you get 100 lbs. of shells, not 15 to 20 lbs. of dust and dirt mixed in, as our brand is specially cleaned. To get best results in poultry raising the use of something of this kind is positively necessary. Every poultry house or yard should have a pan or trough full, so that the fowls can have access to them at all times. Put up in 100 lb. bags. Our price, bags included, 85c.

MICA CRYSTAL GRIT

Hens having no teeth should be kept constantly supplied with some sharp material to grind and masticate their food. Mica Crystal Grit is not only sharp and hard, but its properties are such that it acts as a tonic and contributes largely to the health and productive power of the fowl. We have both hen, pigeon and chick size. State which is wanted. Price, 100-lb. sack, \$1.00.

CRUSHED OR GRANULATED BONE

Supplies the lime for shells and other ingredients necessary in the composition of eggs. Scatter about the poultry yard. 5 lbs., 25c; 100 lbs. \$3.25.

FINE BONE MEAL

Excellent to aid in increasing egg production, and a splendid feed for young chicks. Should be fed wet, mixed with corn meal or bran. 5 lbs. 25c; 50 lbs., \$1.75; 100 lbs., \$3.25.

RARVA MEAT MEAL

A valuable preparation for mixing with wet feed, supplying nitrogenous and fatty ingredients, especially in winter and spring. One lb., 10c; 4 lbs., 25c; 100 lbs., \$4.50.

BLOOD MEAL

Single lb., 5c; 5 lbs., 25c; 100 lbs., \$3.25.

Cypher's Poultry Remedies**Cyphers Brand Nodi Charcoal**

Granulated Charcoal, if pure, is a highly valuable article to feed to poultry of all kinds. Cyphers Brand Nodi Charcoal is guaranteed to be the pure article and is prepared expressly for domestic fowls. It differs radically from the ordinary commercial charcoal offered to poultrymen. It is differently screened and packed, and does not carry large quantities of worthless dust.

Nodi Charcoal is useful as a blood purifier and disease preventive. It is one of the best remedies for sour crop, diarrhoea and other similar digestive troubles. That is why we call it "Nodi Charcoal"—no diarrhoea where this charcoal is used.

Prices of Nodi Charcoal: 2-lb. cartons (not mailable) each, 10c; 50-lb., sacks; each, \$1.25; two 50-lb. sacks, \$2.25. (By freight or express.)

Cyphers Lice Paint

Kills Mites on Poultry House Walls, on Roosts and in Nests. Paint Roosts with it and Kill the Body Lice by its Fumes. Readily Applied with Brush or Sprayer.

Cyphers Lice Paint is a liquid lice destroyer especially prepared for killing all insect parasites of poultry. It is also useful for killing the common forms of lice, mites and ticks that prey upon horses, cattle, sheep and hogs.

Price of Cyphers Lice Paint: 1 qt. cans, each, 35c; 2-qt., cans, each, 60c; 1-gal. cans, each, \$1.00.

Cyphers Lice Powder

Kills Body Lice on Chicks and Fowls. Easily Applied from Our Perforated "Shaker Boxes in Which it is Sold.

A general complaint often heard among poultry keepers was that most of the lice powders on sale did not kill the insects, but only drove them from one place to another on the body of chick or

fowl; then as soon as the powder lost its strength the lice would return to their favorite feeding spots and the injury was as great as ever.

Price of Cyphers Lice Powder—5-oz. package, trial size), 10c; postpaid, 15c; 15-oz. box, 25c; postpaid, 40c; 48-oz. box (by express at customer's expense), 50c; 100-oz. package (by express at customer's expense), \$1.00.

Cyphers Roup Remedy—Guaranteed

A Complete Cure Guaranteed, or Money will be Refunded—Used in the Drinking Water.

Cyphers Roup Remedy is the best remedy for Roup in all forms. It is thoroughly reliable and always uniform in quality and strength. Prevents and cures common colds, and for the cure of canker is without an equal.

Cyphers Roup Remedy is used by simply dissolving the remedy in the drinking water. In all early stages the sick fowls take their medicine in this easy manner. One small-size package will make 25 gallons of roup medicine.

Prices: Small-size package, 25c, postpaid. Medium-size, 50c, postpaid. Large-size, \$1.00 postpaid.

CYPHERS REMEDY NO. 4 FOR CHICK DIARRHOEA

Remedy No. 4—For all diarrhoeas of poultry. It is the most reliable cure for cholera, and when used in the drinking water will cure the most obstinate cases. Valuable for diarrhoea in small chicks, especially when accompanied by a watery or a bloody discharge.

Prices: Single vials, in strong, specially prepared mailing tubes, 25c each; postpaid, 27c each.

Ovinaphtholene Nest Egg

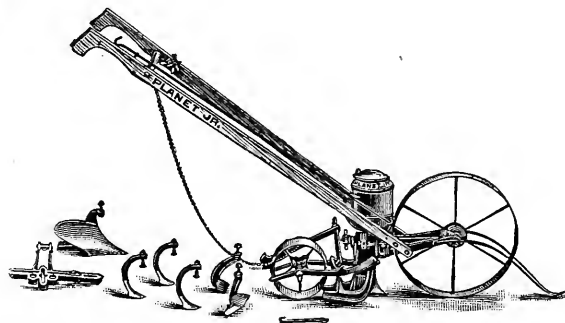
(Trade-Mark Name)

Kills lice and mites in nests and on fowl's body where they congregate and worry the layers. No trouble to use. Simply put them in the nest.

Prices: each, 10c; postpaid, 15c; per ½ doz., 50c; per dozen, 75c; (by freight or express.)

MOES SANTARY TOP-FILL

Drinking Fountains, Dry Feed Hoppers, Grit and Shell Boxes, Leg Bands of all kinds. Poultry Punchers and Egg Packages for shipping by parcel post.

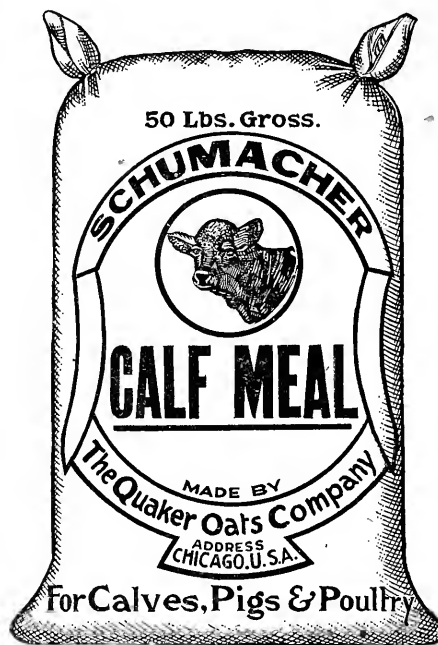
**Planet Jr. Farm and Garden Tools**

We have in stock a full assortment of Planet Jr. garden tools. These garden tools are in a class by themselves. We would be glad to hand you circular and quote prices at any time if you are interested.

RAISE YOUR CALVES!

Advise Experts at State Experiment Stations

In official bulletins and public addresses, Professors of the Agricultural Experiment Stations of this country are urging farmers to raise their calves, as being the most economical and safest way of improving and increasing their herds.



SCHUMACHER CALF MEAL

Enables all Farmers to Raise their Calves

You can raise the calves from your best milkers and at the same time sell your milk. The high cost of milk has made it impractical to raise calves on milk alone.

State Experts Praise Schumacher Calf Meal

Professor J. B. Lindsey of the Massachusetts Agricultural Experiment Station in a lecture on raising calves, stated that he had experimented considerably with SCHUMACHER CALF MEAL and that it gave splendid satisfaction. Professor Lindsey also experimented with several other

calf meals, and even one of his own mixture, but none of them gave as good results as SCHUMACHER CALF MEAL.

Absolutely Pure and Safe

SCHUMACHER CALF MEAL is made from pure oatmeal, wheat meal cooked in vacuum at 500 degrees heat, pure flax seed meal and sterilized dried milk. All these ingredients are thoroughly and easily digested and contain the elements to produce large, strong frames, rugged constitutions and sound health.

SCHUMACHER CALF MEAL is also used very freely as a feed for growing pigs, and as a mash food for poultry.

Price: 50-lb. bags, \$2.00, in bag.

LOWE BROTHERS'

"High Standard" Paint Products

"GIVE BEST RESULTS"

Lowe Brothers "High Standard" Paint Products have been made for more than a third of a century with the sole purpose of "Giving Best Results." By this we mean that they cover more, spread farther, work easier, look better and wear longer than ordinary paints. These dualities make Lowe Brothers "High Standard" paint products the most economical in first cost as well as when

the number of years is considered. There is a paint, varnish, enamel and stain for every requirement.

PAINT INFORMATION—Color Cards, suggested combinations, etc., may be had at our store upon request, for interiors, exteriors, floors, woodwork, furniture, out-door furniture, porch floors, barns, carriages, factories, buildings, school buildings, office buildings, churches, etc.

COPENHAGEN MARKET CABBAGE

A new early variety, popular with market gardeners. It is one of the finest early round-headed cabbage in cultivation. It is desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid with small core. The quality is extra fine and sweet. It is a short stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer-shaped and tightly folded, making it possible to set them close together in the field. Lb., \$2.50; ¼ lb., 70c; oz., 20c. Postage extra, 8c per lb.

SAL-VET**THE GREAT WORM DESTROYER****THE GREAT STOCK CONDITIONER**

We know we have not got a medicine that will cure a case of well developed Hog Cholera nor has any one else. But we know that Salvet used as we tell you will prevent the causes and you can feed it from the hour the sow is bred until the pigs are six months old, and with the addition of this tonic to the feed it will give you more weight in six months than you can get in eight months without it.

SAL-VET for Horses, Cattle and Sheep

It is only within the past few years that veterinary authorities have realized the terrible havoc wrought by the blood-sucking worms which are taken into the stomach and intestines of all farm animals. Many of these pests are taken in with the animal's feed or water. Once in the stomach and intestines, they attach themselves to the delicate membrane and prey upon the vitality of the animal. They not only steal a large portion of the food your horses eat, but they suck the blood which should nourish the horse, lowering the animal's vitality, causing indigestion,

constipation and laying the foundation for various other destructive diseases.

It is estimated that **nine-tenths of all the diseases of farm animals are caused by the worms.**

If you will simply let them have access to "Sal-Vet"—a wonderful medicated salt which they like, and which contains just what they need to rid themselves of worms. You do not have to bother with starving, dosing or drenching stock if you feed them "Sal-Vet." Give it to them in place of common salt or rock salt, and you will be satisfied with the results.

Prices: 10 lb., 75c; 20 lb., \$1.25; 40 lb., \$2.25; 100 lb., \$5.00.

YOU CAN GROW ALFALFA ON YOUR FARM

—WE WILL TELL YOU HOW.

The safe and sure method is by inoculating your seed. And the only safe and sure way to do this is by using

"NITRAGIN"

What "Nitragin" is! "Nitragin" is a pure culture of the various bacteria needed to inoculate legume crops. The germs come in one and five acre cans containing material that is guaranteed to keep them alive six months. The "Nitragin" is applied to the seed before sowing. (See book of directions.)

What "Nitragin" Does! "Nitragin" invades the

roots of your alfalfa, forms nodules there, draws in nitrogen from the air and converts it into form available for plant food.

By using "Nitragin" you can—

Get bigger crops; improve the soil; increase the value of your farm; get a "catch" of alfalfa or clover; revitalize worn-out land; make more money out of every acre of land you cultivate.

Ask for our free book "Alfalfa, the Money Crop."

1875 **SEEDS** 1914

**GARDEN,
FIELD
FLOWER**

WE SELL
NO SEEDS
BUT WHAT
GIVE A
HIGH
GERMINATION
TEST.

OUR SEEDS
MUST ALL
PASS THE
STRINGENT
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